

BRIGHAM YOUNG  
UNIVERSITY

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**BRIGHAM YOUNG UNIVERSITY  
QUARTERLY**

*Catalogue Number*

**FOR THE SCHOOL YEAR**

**1938-1939**

**Published by**

**BRIGHAM YOUNG UNIVERSITY  
PROVO, UTAH**



# 1938

JANUARY							APRIL							JULY							OCTOBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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# 1939

JANUARY							APRIL							JULY							OCTOBER						
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FEBRUARY							MAY							AUGUST							NOVEMBER						
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19	20	21	22	23	24	25	21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25
26	27	28					28	29	30	31				27	28	29	30	31			26	27	28	29	30		
MARCH							JUNE							SEPTEMBER							DECEMBER						
1	2	3	4	5	6	7		1	2	3	4	5	6	1	2	3	4	5	6	7	1	2	3	4	5	6	7
5	6	7	8	9	10	11	4	5	6	7	8	9	10	3	4	5	6	7	8	9	3	4	5	6	7	8	9
12	13	14	15	16	17	18	11	12	13	14	15	16	17	10	11	12	13	14	15	16	10	11	12	13	14	15	16
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26	27	28	29	30	31		25	26	27	28	29	30		24	25	26	27	28	29	30	24	25	26	27	28	29	30

## **Church School Officers**

### **GENERAL CHURCH BOARD OF EDUCATION**

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J. REUBEN CLARK, JR.	JOHN A. WIDTSOE
DAVID O. MCKAY	ADAM S. BENNION
RUDGER CLAWSON	JOSEPH F. MERRILL
JOSEPH FIELDING SMITH	CHARLES A. CALLIS
STEPHEN L. RICHARDS	FRANKLIN S. HARRIS
FRANKLIN L. WEST	
ARTHUR WINTER, Secretary-Treasurer	

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FRANKLIN L. WEST

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### **BOARD OF TRUSTEES**

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JOSEPH FIELDING SMITH	SYLVESTER Q. CANNON
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STEPHEN L. CHIPMAN	
EDWARD H. HOLT, Secretary-Treasurer	

### **EXECUTIVE COMMITTEE**

THOMAS N. TAYLOR	J. WM. KNIGHT
STEPHEN L. CHIPMAN	

# **University Calendar**

**1938**

## **AUTUMN QUARTER**

- September 12—Training School begins.  
September 19—First Faculty Meeting.  
September 23 and 24—Registration days. Freshman instructions and examinations.  
September 26—Registration continued.  
September 27—Instruction begins.  
October 17—Founder's Day celebration.  
November 23 to November 28—(Wednesday evening until Monday morning—Thanksgiving Recess.)  
December 22—Thursday evening—Autumn Quarter closes.

**1939**

## **WINTER QUARTER**

- January 3—Tuesday—Winter Quarter begins.  
January 23 to January 27—Leadership Week.  
March 17—Winter Quarter closes.

## **SPRING QUARTER**

- March 20—Spring Quarter begins.  
June 4—Baccalaureate services.  
June 6—Alumni Reunions.  
June 7—Sixty-third Commencement Exercises.  
June 12—Summer Quarter begins.

## **Administrative Officers**

Franklin S. Harris .....	President
Kiefer B. Sauls .....	Secretary to the President Purchasing Agent
Edward H. Holt .....	Secretary-Treasurer
Carma Ballif .....	Assistant in Treasurer's Office
John E. Hayes .....	Registrar
Christen Jensen .....	Dean of the Graduate School
George H. Hansen.....	Acting Dean of the College of Arts and Sciences
Herald R. Clark .....	Dean of the College of Commerce
Amos N. Merrill .....	Acting Dean of the College of Education
Gerrit de Jong, Jr.....	Dean of the College of Fine Arts
Thomas L. Martin .....	Dean of the College of Applied Science
Harrison R. Merrill .....	Director Extension Division
A. C. Lambert .....	Dean of the Summer Session
Nettie Neff Smart .....	Dean of Women
Wesley P. Lloyd .....	Dean of Men
Lloyd L. Cullimore .....	Medical Director
Edgar M. Jensen .....	Director Training Schools
Anna Ollerton .....	Librarian

## The Faculty\*

**FRANKLIN STEWART HARRIS.....President**

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—

**JOHN C. SWENSON.....Professor of Economics and Sociology**

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—

**CHARLES E. MAW.....Professor of Chemistry**

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—

**CHRISTEN JENSEN.....Professor of History and Political Science, Dean of Graduate School**

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11; Professor, 1911—Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—

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\*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

## BRIGHAM YOUNG UNIVERSITY

- AMOS N. MERRILL.....Professor of Secondary Education  
Acting Dean of College of Education  
B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—
- EDWARD H. HOLT.....Professor of Office Practice  
Secretary of the Faculty  
B. Pd., Brigham Young University, 1895; Assistant Professor of Business Education, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—
- ALICE L. REYNOLDS.....Professor of English Literature  
A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of Chicago; University of California, 1923; Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—
- CARL F. EYRING\*.....Professor of Physics and Mathematics  
Dean of the College of Arts and Sciences  
A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Acoustical Engineer, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.
- VILATE ELLIOTT.....Professor of Home Economics  
B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

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\*On leave of absence.

BENJAMIN F. CUMMINGS.....Professor of Modern and Classical Languages

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford University; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPESON MADSEN.....Professor of Music

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B., Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, LaSalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN.....Professor of Agronomy and Bacteriology, Dean of the College of Applied Science

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—. Dean of the College of Applied Science, 1937—.

WILLIAM J. SNOW .....Professor of History

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE.....Professor of Speech

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; M. A., University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; Ph. D., University of Louisiana, 1936; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic

**BRIGHAM YOUNG UNIVERSITY**

Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

**M. WILFORD POULSON.....Professor of Psychology**

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

**VASCO M. TANNER.....Professor of Zoology and Entomology**

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

**HERALD R. CLARK.....Professor of Finance and Banking  
Dean of the College of Commerce**

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean College of Commerce, 1934—.

**PARLEY A. CHRISTENSEN.....Professor of English**

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

**GERRIT de JONG, JR. .....Professor of Modern Languages  
Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate Work, National University of Mexico; University of Munich; Stanford University; Instructor Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25, Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor, 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

GEORGE H. HANSEN.....Professor of Geology and Geography  
Acting Dean of College of Arts and Sciences

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

HARRISON VAL HOYT.....Professor of Accounting and Business Administration

Bachelor of Science (Engineering) Purdue University, 1913; M. B. A., Harvard Graduate School of Business Administration, 1917; Ph. D., Stanford University, (Graduate School of Business Administration) 1931; Professor of Accounting and Business Administration and Dean of the College of Commerce, Brigham Young University, 1921-31; Dean of Oregon State College School of Commerce, 1931-32; Dean and Director of the University of Oregon School of Business Administration and Commerce Work at the Oregon State College, 1932-36; Professor of Accounting and Business Administration, Brigham Young University, 1937—.

ELMER MILLER.....Professor of Economics

A. B., Stanford University, 1914; Graduate Work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL.....Professor of Physics

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON.....Professor of Religious Education

B. Pd., Brigham Young University, 1900; Graduate Work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926-

**BRIGHAM YOUNG UNIVERSITY**

30; Professor of Religious Education, Brigham Young University, 1930—.

**BENT F. LARSEN.....Professor of Art**

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate Work, University of Chicago, Art Institute of Chicago, Academic Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-31; Professor of Art, 1931—.

**LEROY J. ROBERTSON.....Professor of Music**

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

**HARRISON R. MERRILL.....Professor of Journalism  
Director of Extension Division**

B. S., Utah Agricultural College, 1916; M. S., Pulitzer School of Journalism, Columbia University, 1930; Graduate Work, Utah Agricultural College, Brigham Young University, Medill School of Journalism, Northwestern University, 1927; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931— Director of Extension Division, 1936—.

**FRANKLIN MADSEN.....Professor of Music**

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College, Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Boguslawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-36, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

**ASAEL C. LAMBERT.....Professor of Educational Administration  
Dean of Summer Session**

B. S., Brigham Young University, 1925; M. S., 1926; Ph. D., Stanford University, 1935; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932-34; Professor of Educational Administration, 1934—. Dean Brigham Young University Summer Session, 1937—.

**LAVAL S. MORRIS.....Professor of Landscape Architecture**

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate Work, University of Southern California, Cornell University, Harvard University, 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.

**EFFIE WARNICK ..... Professor of Home Economics**

B. S., Utah Agricultural College, 1914; M. S., Iowa State College, 1937; Graduate work, Columbia University, University of California, University of Chicago, Iowa State College; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-1927; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

**J. MARINUS JENSEN.....Professor of English**

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate Work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921-1936; Professor of English, 1936—.

**GEORGE STEWART.....Special Professor of Agronomy**

B. S., Utah State Agricultural College, 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-30; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

**LLOYD L. CULLIMORE.....Medical Director**

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiol-

## BRIGHAM YOUNG UNIVERSITY

ogy, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

**HERMESE PETERSON**.....**Professor of Elementary Education**

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20, Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

**WILLIAM H. BOYLE**.....**Professor of Elementary Education**

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

**ROBERT SAUER**.....**Professor of Music**

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924-1938; Professor of Music, 1938—.

**CHARLES J. HART**.....**Professor of Physical Education and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927-37; Associate Professor of Physical Education, 1937; Professor of Physical Education, 1938—.

**WAYNE B. HALES**.....**Professor of Physics and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of

Technology, 1926; Instructor in Physics, Ricks College, 1916-21; President Snow College, 1921-24; Professor of Physics, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930-1938; Professor of Physics and Mathematics, 1938—.

H. GRANT IVINS.....Professor of Animal Husbandry

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931-37; Associate Professor of Animal Husbandry, 1937-1938; Professor of Animal Husbandry, 1938—.

SETH T. SHAW.....Professor of Horticulture

B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Graduate work, University of Missouri, 1936-37; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934-37; Associate Professor of Horticulture, 1937-1938; Professor of Horticulture, 1938—.

BERTRAND F. HARRISON.....Professor of Botany

B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Ph. D., University of Chicago, 1937; Graduate Assistant in Botany, University of Chicago, 1936-37; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931-35; Assistant Professor, 1935-37; Associate Professor of Botany, 1937-1938; Professor of Botany, 1938—.

L. WESTON OAKS.....Associate Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

JOSEPH SUDWEEKS.....Associate Professor of Educational Administration

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE\*.....Associate Professor of Accounting  
and Business Administration

B. S., Brigham Young University, 1924; M. S. in  
Retailing, New York University, 1926; Graduate  
work, New York University, 1926-27; Associate Pro-  
fessor of Accounting and Business Administration,  
Brigham Young University, 1927—.

SIDNEY B. SPERRY.....Associate Professor of Religious  
Education

A. B., University of Utah, 1917; M. A., University  
of Chicago, 1926; Ph. D., University of Chicago, 1931;  
Graduate work, American School of Oriental Re-  
search, Jerusalem, Palestine; Principal American Fork  
Seminary, 1922-24; Weber Seminary, 1924-25; Mo-  
roni Seminary, 1925-26; Pocatello Seminary and  
Institute, 1927-28; Director L. D. S. Institute, Moscow,  
Idaho, 1929-31; Associate Professor, Brigham Young  
University, 1932—.

ED. M. ROWE.....Associate Professor of English

A. B., Brigham Young University, 1923; Graduate  
work, Utah Agricultural College, Brigham Young  
University, University of Chicago, University of  
Wales, 1931-33; Principal, Spanish Fork High School,  
1910-12; Instructor in English, Brigham Young Uni-  
versity, 1924-27; Assistant Professor, 1927-35; Asso-  
ciate Professor, 1935—.

WILMA JEPPSON....Associate Professor of Physical Education  
for Women

B. S., Brigham Young University, 1927; M. S., Colum-  
bia University, 1930; Graduate work, University of  
California, University of Wisconsin, Columbia Uni-  
versity, New York University; Study Tour of Europe,  
1932-33; Instructor in Physical Education for Women,  
Brigham Young University, 1923-30; Assistant Pro-  
fessor, 1930-35; Associate Professor, 1935—.

ALONZO J. MORLEY.....Associate Professor of Speech

A. B., Brigham Young University, 1925; M. A., Brig-  
ham Young University, 1931; Ph. D., University of  
Iowa, 1935; Teacher of Public Speaking and Dramatic  
Art, Uintah County High School, 1925-26; Head of  
Speech Department, Weber County High School, 1926-  
27; Instructor in Speech, Brigham Young University,  
1928-30; Assistant Professor, 1930-35; Associate Pro-  
fessor, 1935—.

\*On leave of absence.

**WILLIAM H. SNELL.....Associate Professor of Mechanic Arts**

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Brigham Young University; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921-36; Associate Professor of Mechanic Arts, 1936—.

**JOSEPH K. NICHOLES.....Associate Professor of Chemistry**

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; Graduate work, University of Chicago summer of 1933, and at Stanford University summer of 1934 and 1936; President, Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933-36; Associate Professor of Chemistry, 1936—.

**KARL E. YOUNG.....Associate Professor of English**

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932-37; Associate Professor of English, 1937—.

**REUBEN D. LAW.....Associate Professor of Elementary Education**

B. S., Utah State Agricultural College, 1928; M. S., Utah State Agricultural College, 1933; Graduate work, University of Southern California; Superintendent of Schools, Rich County School District, 1929-35; Instructor in Education, Utah State Agricultural College, Summer Session, 1933; Superintendent of Schools, Duchesne County School District, 1935-36; Assistant Professor of Elementary Education, Brigham Young University, 1936-1938; Associate Professor, 1938—.

**EDWIN R. KIMBALL.....Associate Professor of Physical Education and Director of Athletics**

B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical Education and Athletics, Brigham Young University, 1935-37; Assistant Professor and Coach, 1937-38; Associate Professor and Director of Athletics, 1938—.

## BRIGHAM YOUNG UNIVERSITY

WESLEY P. LLOYD.....Associate Professor of Philosophy  
of Education and Dean of Men

B. S., Brigham Young University, 1927; M. S., 1933;  
Ph. D., University of Chicago, 1937; Instructor in  
Social Sciences, Edmunds High School, 1927-29; Prin-  
cipal, 1929-30; Principal L. D. S. Seminary at Grace,  
Idaho, 1930-31; Principal L. D. S. Seminary at Oakley,  
Idaho, 1931-34; Research Fellow, University of Chi-  
cago, 1936-37; Instructor in Education, Brigham  
Young University, Summer, 1935; Assistant Professor  
of Philosophy of Education, 1937-38; Associate Profes-  
sor of Philosophy of Education and Dean of Men,  
1938—.

MADISON W. MERRILL.....Associate in Medical Department

D. M. D., North Pacific Dental College, 1923; Special  
work in extractions and Oral Surgery at Mayo Clinic  
Dental Department, summers of 1931 and 1936, and  
special work in Orthodontia, Denver, 1937; appointed  
Associate in Medical Department Brigham Young Uni-  
versity, 1938—.

LELAND K. CULLIMORE.....Associate in Medical Department

A. B., George Washington University, 1931; M. D.,  
George Washington University, 1934; Resident Physi-  
cian, Pediatrics and Contagious Diseases, Gallinger  
Municipal Hospital, 1934-36. Associate in Medical  
Department, Brigham Young University, 1938—.

WILMUR L. ALLEN.....Associate in Medical Department

M. D., University of Pennsylvania Medical School,  
1931; Appointed Associate in Medical Department,  
Brigham Young University, 1938—.

IDA SMOOT DUSENBERRY.....Assistant Professor of  
Psychology

B. Pd., Brigham Young University, 1905; B. S., Brigh-  
ham Young University, 1937; Graduate Chaurecey  
Hall College, Boston, 1908; Graduate Emerson Col-  
lege of Oratory, Boston, 1909; Graduate work, Pestalozzi  
Froebel House, Berlin, Germany; Columbia  
University, University of Washington, University of  
California; Study in Europe, 1919-20; Director of  
Kindergarten Training, Brigham Young University,  
1910-21; Assistant Professor, Floating University,  
1930-31; Assistant Professor of Psychology, Brigham  
Young University, 1921—.

EMMA BROWN....Assistant Professor of Elementary Education  
B. S., Columbia University, 1924; M. A., Columbia Uni-

versity, 1934; Graduate work, University of Chicago; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

**EDGAR M. JENSON.....Assistant Professor of Educational Administration, Director of Training Schools**

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-23; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930—.

**WILLIAM F. HANSON.....Assistant Professor of Music**

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

**RUSSEL SWENSEN.....Assistant Professor of Religious Education**

A. B., Brigham Young University, 1926; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933—.

**LOREN C. BRYNER.....Assistant Professor of Chemistry**

B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, Summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

## BRIGHAM YOUNG UNIVERSITY

**ELSIE C. CARROLL.....Assistant Professor of English**

B. S., Brigham Young University, 1926; M. A., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Columbia University, 1934; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926-36; Assistant Professor of English, 1936—.

**HUGH W. PETERSON.....Assistant Professor of Chemistry**

A. B., 1916, M. A., 1928, Brigham Young University; Ph. D., University of Iowa, 1936; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927-36; Assistant Professor of Chemistry, 1936—.

**BILLIE HOLLINGSHEAD.....Assistant Professor of Education**

A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929, Ph. D., University of Southern California, 1935; Instructor Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929-36; Assistant Professor of Education, 1936—.

**IRENE S. BARLOW.....Assistant Professor of Home Economics**

B. S., Utah State Agricultural College, 1919; M. S., University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934-36; Assistant Professor of Home Economics, 1936—.

**GLADYS D. BLACK.....Assistant Professor of English**

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Graduate work, University of Chicago, 1936-37; Bread Loaf School of English, summer of 1937; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928-37; Assistant Professor of English, 1937—.

**GOLDEN L. WOOLF\*.....Assistant Professor of Secondary Education, Principal, University High School**

A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1936; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935-37; Assistant

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\*On leave of absence.

Professor of Secondary Education, 1937—; Principal, University High School, 1935—.

**CARLTON CULMSEE\***....Assistant Professor of Journalism and Secretary Extension Division

B. S., Brigham Young University, 1932; M. A., Brigham Young University, 1937; Graduate work, University of Southern California, Secretary Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933-37; Assistant Professor of Journalism, 1937—.

**STELLA P. RICH**.....Assistant Professor of English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-27; Student, University of Chicago; Instructor in English, Brigham Young University, 1927-38; Assistant Professor of English, 1938—.

**W. ELMO COFFMAN**.....Assistant Professor of Geography

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Ohio State University, 1935-36; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Geography, Brigham Young University, 1929-38; Assistant Professor of Geography, 1938—.

**ALVA J. JOHANSON**.....Assistant Professor of Chemistry

A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1934; Graduate work, University of Illinois, 1936-38; Assistant in Chemistry, Brigham Young University, 1931-34; Instructor in Chemistry, 1934-38; Assistant Professor of Chemistry, 1938—.

**LEONA HOLBROOK**.....Assistant Professor of Physical Education for Women

B. S., University of Utah, 1929; M. A., Columbia University, 1935; Graduate work, University of Utah, Columbia University, New School for Social Research, New York; Instructor and Playground Director, Salt Lake City; Civic Center Director, Kaysville, Utah; M. I. A. Summer Camp Recreation Director; Federal Experimental Camp Recreation Director, Associate Camp Director Y. W. C. A. New York City; Instructor in Physical Education Brigham Young University, 1937-38; Assistant Professor of Physical Education for Women, 1938—.

\*On leave of absence.

- ALLIE DIXON.....Assistant Professor of Home Economics  
B. S., Brigham Young University, 1930; Graduate Hospital Dietitian Fifth Avenue Hospital, New York City, 1931; Graduate Nurse Highland School of Nursing at Alameda County Hospital, Oakland, California, 1936; Registered Nurse, 1936; Instructor of Home Economics, Gunnison High School, 1932-34; Instructor Nursing Techniques, Highland School of Nursing, Oakland, California, 1936-37; Instructor in Home Economics, Brigham Young University, 1937-38; Assistant Professor of Home Economics, 1938—.
- D. ELDON BECK.....Assistant Professor of Zoology and Entomology  
A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1930; Ph. D., Iowa State College, 1933; Head of Biology Department, Dixie College, 1933-38; Assistant Professor of Zoology and Entomology, Brigham Young University, 1938—.
- JOHN E. HAYES.....Registrar  
B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.
- ANNA OLLORTON.....Librarian  
A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.
- KIEFER B. SAULS.....Secretary to the President Purchasing Agent  
B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.
- NETTIE NEFF SMART.....Dean of Women  
B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.
- PERCIVAL P. BIGELOW.....Instructor in Auto Mechanics  
Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

- BERTHA ROBERTS.....Instructor in French  
A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; Diploma University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934—.
- NEWBURN I. BUTT.....Library and Research Assistant  
B. S., Utah Agricultural College, 1915; Graduate work, Utah State Agricultural College; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.
- ELLA LARSEN BROWN.....Assistant Librarian  
Student Cook County Normal School; Columbia University; Primary Supervisor, Utah County Schools, 1900-1902; Director Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.
- FRED W. DIXON.....Instructor in Physical Education and Athletics  
B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.
- C. LAVOIR JENSEN.....Instructor in Mathematics  
Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.
- CARMA BALLIF....Instructor in Physical Education for Women  
Assistant in Treasurer's Office  
B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.
- MARGARET SUMMERHAYS.....Instructor in Music  
A. B., Brigham Young University, 1936; Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme. Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

- EDNA SNOW** .....Instructor in Botany  
 B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California and Columbia University; Instructor in Science, Brigham Young University, 1929-1936; Instructor in Botany, 1937—.
- C. LYNN HAYWARD\*** .....Instructor in Zoology  
 B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.
- GUSTAVE BUGGERT** .....Instructor in Music  
 Graduate of Music School of Magdeburg, Germany; Instructor in Music, Brigham Young University, 1930—.
- MAY BILLINGS** .....Instructor in Home Economics  
 B. S., Brigham Young University, 1933; Student of Columbia University, Utah State Agricultural College, University of California, Colorado Agricultural College, University of Utah; Instructor in Clothing, Latter-day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.
- MAY C. HAMMOND** .....Supervisory Teacher in Elementary Training School  
 B. S., Brigham Young University, 1934. Student at University of California and Columbia University; Instructor in Provo City Schools, 1923-25; Supervisory Teacher in Brigham Young University Training School, 1925—.
- GEORGIA MAESER** .....Supervisory Teacher in Elementary Training School  
 B. S., Brigham Young University, 1928; Graduate work, Columbia University, Supervisory Teacher in Brigham Young University Training School, 1926—.
- GLADYS KOTTER** .....Supervisory Teacher in Elementary Training School  
 B. S., Brigham Young University, 1930; M. S., Columbia University, 1935; Supervisory Teacher, Brigham Young University Training School, 1927—.
- FLORA D. FISHER** .....Supervisory Teacher in Elementary Training School  
 B. S., Brigham Young University, 1936; Instructor in Utah State Industrial School, 1911; Instructor in Fillmore Public Schools, 1921-28; Instructor in

\*On leave of absence.

Maori Agricultural College, New Zealand, 1919-21; Instructor in Provo City Schools, 1929-1933; Supervisory Teacher in Brigham Young University Training School, 1933—.

**WILFORD D. LEE**.....Instructor in English

A. B., Brigham Young University, 1934; Instructor in English, Brigham Young University, 1934—.

**O. MEREDITH WILSON**.....Instructor in History

A. B., Brigham Young University, 1934; Graduate work, University of London, 1936-37; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935—.

**JULINA SMITH**.....Assistant Librarian

A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1932; Graduate work, University of Utah, University of Oregon; Assistant Librarian, Brigham Young University, 1935—.

**JOHN H. SMITH\***.....Instructor in Economics

B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.

**HAROLD T. CHRISTENSEN\***.....Instructor in Sociology

B. S., Brigham Young University, 1935; M. S., Brigham Young University, 1937; Graduate work, University of California at Los Angeles, 1937; Assistant in Sociology, Brigham Young University, 1935-36; Instructor, Brigham Young University, 1936—.

**J. VERNAL STIMPSON**.....Instructor in English

A. B., Brigham Young University, 1928; Graduate work, Brigham Young University, summers of 1929, '31, '33; Graduate work, Stanford University, 1934-35; Instructor in English, Juab High School, 1928-34; Instructor in English, Provo High School, 1935-36; Instructor in English, Brigham Young University, 1936—.

**IRENE OSMOND**.....Instructor in Modern Languages

A. B., Brigham Young University, 1929; M. A., Stanford University, 1934; Graduate work, Stanford University, 1934-36; Instructor in Modern Languages, Jordan High School, 1929-33; Instructor in Modern Languages, Brigham Young University, 1936—.

- ELDON DENNIS.....Instructor in Geology  
A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1931; Graduate work, Stanford University, 1932-1935; Assistant in Geology, Brigham Young University, 1935-1936; Instructor in Geology, Brigham Young University, 1936—.
- JOHN R. HALLIDAY\*.....Instructor in Music  
A. B., Brigham Young University, 1935; M. A., Brigham Young University, 1936; Student State Academy of Music in Berlin, 1933-1934; Graduate work, University of California, 1937; Assistant in Music, Brigham Young University, 1934-1936; Instructor in Music, Brigham Young University, 1936—.
- JOHN H. WING.....Instructor in Chemistry  
B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1934; Graduate work, University of Colorado; Chemist for Columbia Steel Company, 1926-1927; Assistant Chief Chemist, Columbia Steel Company, 1927-1929; Chemist for the International Smelting and Refining Company, 1929-1931; Assistant in Chemistry, Brigham Young University, 1931-1937; Instructor in Chemistry, Brigham Young University, 1937—.
- THOMAS L. BROADBENT .....Instructor in German  
A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Assistant in German, Brigham Young University, 1934-1936; Instructor in German, Brigham Young University, 1936—.
- ANTONE W. NISSON.....Instructor in Science  
A. B., Brigham Young University, 1935; Graduate work, Brigham Young University, 1935-1937; Assistant in Science, Brigham Young University, 1935-1936; Instructor in Science, Brigham Young University, 1936—.
- AARON W. TRACY .....Instructor in English  
A. B., Brigham Young University, 1919; Two and one-half years Graduate work, University of Chicago; Principal of Public Schools in Weber County, 1907-1910, 1911-1912, 1914-1917; Principal of Public Schools in Box Elder District, 1912-1913; Head of the English department, Weber College, 1919-1922; President Weber College, 1922-1935; Instructor in English, Brigham Young University, 1936—.

\*On leave of absence.

EVAN M. CROFT.....Instructor in Office Practice

B. S., Brigham Young University, 1929; Graduate work University of Chicago, and University of California; Assistant in Commercial Education, University of Southern California, Summer of 1934; Instructor in Commercial subjects Lehi High School, 1929-1936; Instructor in Office Practice, Brigham Young University, 1936—.

ILEEN ANN WASPE.....Instructor in Office Practice

B. S., Brigham Young University, 1938; Instructor in Office Practice, L. D. S. High School and Business College, 1927-1929; Assistant in Office Practice, Brigham Young University, 1934-1936; Instructor in Office Practice, Brigham Young University, 1937—.

VERLA L. BIRRELL.....Instructor in Art

B. S. University of Utah, 1928; Student Chicago Academy of Fine Arts, 1930; Research work Columbia University, 1931; Student at Art Students' League, New York, 1931; at Art Institute, Chicago, 1932; study and travel in Europe, 1935; Instructor in Payson High School, 1927-1929; Instructor in Irving High School, Salt Lake City, 1929-1937; Instructor in Art, Brigham Young University, 1937—.

MORRIS M. CLINGER.....Instructor in Speech

A. B., Brigham Young University, 1932; Instructor in Speech and English, Richfield High School, 1932-1936; Assistant in Speech, Brigham Young University, 1936-1937; Instructor in Speech, Brigham Young University, 1937—.

FLOYD MILLET.....Instructor in Physical Education and Assistant Athletic Coach

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, Utah Agricultural College, University of Southern California; Instructor in Physical Education and Athletics, Davis County High School, 1934-1937; Instructor in Physical Education and Assistant Athletic Coach, Brigham Young University, 1937—.

JACK R. GIBB.....Instructor in Psychology

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Graduate work, University of Chicago; Instructor in Psychology, Brigham Young University, 1937—.

NAOMA RICH.....Assistant Librarian

B. S., Brigham Young University, 1931; Certificate in Library Science, Riverside Library Service School, 1932; Librarian and Instructor in Office Practice, Bear River High School, 1927-1930; Librarian, Snow

## BRIGHAM YOUNG UNIVERSITY

College, 1933-1937; Assistant Librarian, Brigham Young University, 1937—.

- MARY McGREGOR ..... **Instructor in Music**  
 A. B., Brigham Young University, 1936; Assistant in Vocal Music, Brigham Young University Training School, 1936-1937; Instructor in Vocal Music, Brigham Young University Training School, 1937—.
- L. ELLIOTT TUTTLE ..... **Supervisory Teacher Elementary Training School**  
 B. S., Brigham Young University, 1938; Instructor in Provo City Schools, 1932-36; Supervisory Teacher, Brigham Young University Training School, 1936—.
- LILLIAN C. BOOTH ..... **Supervisory Teacher in Elementary Training School**  
 Normal Diploma, Brigham Young University, 1914; Student at University of Chicago, 1933. Teacher in American Fork Schools, and in Provo City Schools; Teacher in Brigham Young University Training School, 1917-1918, 1924-1925; Principal Elementary Grades American Fork Schools, 1936-1938; Supervisory Teacher in Brigham Young University Elementary Training School, 1938—.
- JOSEPHINE STRONG ..... **Supervisory Teacher in Elementary Training School**  
 Student University of Utah and San Francisco State Teachers College; Instructor in Salt Lake City Schools, 1922-1923; Supervisor Chinatown Nursery School, San Francisco, California, 1934-1937; Supervisory Teacher Brigham Young University Training School, 1936—.
- ARTHUR GAETH ..... **Instructor in History**  
 Student of Political Science and European history in Europe, 1929-36; member of Executive Board of American Institute of Czechoslovakia, 1934-36; Instructor in History, Brigham Young University, 1937—.
- HARRY SUNDWALL ..... **Instructor in Office Practice**  
 B. S., Brigham Young University, 1934; Graduate work University of California; Graduate Gregg School, Chicago, 1936; Instructor in commercial subjects, North Sanpete High School, 1934-36; Instructor in Shorthand and Typewriting, Richfield High School, 1936-1937; Instructor in Office Practice, Brigham Young University, 1937—.
- ANDREW A. ANDERSON ..... **Special Instructor in Scouting**  
 Scout Executive National Parks Council; Special Instructor in Scouting, Brigham Young University, 1930—.
- JOSEPH J. KEELER ..... **University Organist**  
 Student of Karl Straube and Robert Teichmuller at Leipsic Conservatory, 1931-32; also at Royal College

of Music, London, 1933. Instructor in Piano and Organ, Brigham Young University, 1935—.

**WELDON J. TAYLOR**.....Instructor in Accounting and Business Administration

B. S., Brigham Young University, 1934; M. B., Harvard Graduate School of Business Administration, 1937; Clerk Federal Power Commission, 1935; Instructor in Economics, Brigham Young University, 1937-1938; Instructor in Accounting and Business Administration, 1938—.

**A. SMITH POND**.....Instructor in Economics

A. B., University of Utah, 1926; Graduate Student, Northwestern University, 1934-1936; Research Associate, Illinois State Tax Commission, 1936-1937; Instructor in Economics, Brigham Young University, 1937—.

**HELEN ALLEMAN**.....Instructor in Home Economics

B. S., Brigham Young University, 1932; Graduate Work, University of Washington and Utah State Agricultural College; Instructor in Home Economics, Alamo High School, 1932-1933; Instructor in Home Economics in Payson High School, 1933-1935; Instructor in Provo High School, 1935-1937; Instructor in Home Economics, Brigham Young University High School, 1937—.

**KENNETH ALLRED** ..... Instructor in Mathematics

A. B., Brigham Young University, 1938; Assistant in Mathematics, Brigham Young University, 1937-38; Instructor in Mathematics, 1938—.

**RALPH A. BRITSCH**.....Instructor in English

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, 1936; Instructor in English and Speech, Gunnison Valley High School, 1933-1935; Instructor in English, Provo High School, 1936-1938; Instructor in English, Brigham Young University, 1938—.

**A. JOHN CLARKE**.....Instructor in Physics in High School

B. S., Brigham Young University, 1938; Principal of Barnwell Consolidated School, Canada, 1930-1937; Assistant in Chemistry, Brigham Young University High School, 1937-1938; Instructor in Physics, Brigham Young University High School, 1938—.

**MARGARET BURTON**.....Instructor in Physical Education for Women

Student of the University of Utah and of the Utah State Agricultural College; also of the following specialists in the field of Physical Education and the

Dance: Doris Humphrey, Charles Weidman, Martha Graham, Hanya Holm, and Mary Wigman of New York; and of Von Laton and Kreutzburg of Salzburg, Austria. Instructor in summer courses at the Utah Agricultural College, the Brigham Young University. Instructor for nine years at the McCune School of Music and Art. Instructor in Physical Education for Women, Brigham Young University, 1938—.

**ARIEL S. BALLIF.....Instructor in Sociology**

B. S., Brigham Young University, 1925; M. A., University of Southern California, 1937; Graduate work, University of Southern California, 1936-1938; Teaching Fellow in Sociology, University of Southern California, 1937-1938; Instructor in Social Science, Madison High School, 1925-1926; Principal Maori Agricultural College, Hastings, New Zealand, 1927-1930; Principal Midway Seminary, 1931-1936; Instructor in Sociology, Brigham Young University, 1938—.

**HAROLD W. LEE.....Instructor in French**

A. B., Brigham Young University, 1938; Student of French in France, 1930-1933; Instructor in French, Alberta High Schools, 1933-1937; Assistant in French, Brigham Young University, 1937; Instructor in French, Brigham Young University, 1938—.

**DEARWYN SARDONI.....Instructor in Training School Music**

Assistant in Music in Training Schools, Brigham Young University, 1937—.

**JAMES R. CLARK.....Assistant in Library**

A. B., Brigham Young University, 1936; Principal, Lovell-Cowley Seminary, Wyoming, 1936-1938; Assistant in Library, Brigham Young University, 1938—.

**THOMAS PETERSON.....Specialist, Extension Division**

B. S., Brigham Young University, 1938; Secretary, Bureau of Visual Instruction, Brigham Young University, 1936—.

**DAVID M. CROWTON.....Instructor in Physical Education and Athletics**

B. S., Brigham Young University, 1938; Assistant in Physical Education and Athletics in Brigham Young University Training Schools, 1937-1938; Instructor 1938—.

**MARJORIE SEEGMILLER.....Assistant in President's Office**

B. S., Brigham Young University, 1936; Assistant in President's Office, Brigham Young University, 1934—.

EDMUND A. RICHARDSON.....	Assistant in Spanish
A. B., University of Arizona, 1928; Head of Spanish Department, Patagonia Union High School, Arizona, 1929-35; Graduate work, University of Arizona and Brigham Young University; Assistant in Spanish, Brigham Young University, 1935—.	
MARY HAWKER .....	Clerk of Extension Division
	Clerk of Extension Division, Brigham Young University, 1936—.
MARY CALLAN.....	Assistant in Secretary's Office
B. S., Brigham Young University, 1938; Assistant in Secretary's Office, 1938—.	
GEORGE H. SMEATH.....	Assistant in Horticulture
A. B., Brigham Young University, 1938; Assistant in Horticulture, Brigham Young University, 1937—.	
OLIVER R. SMITH.....	Assistant in Extension Division
A. B., Brigham Young University, 1938; Assistant in Extension Division, Brigham Young University, 1938—.	
BRIGHAM T. HIGGS.....	Superintendent Buildings and Campus
KARL MILLER, .....	Assistant Superintendent Buildings and Campus
MORRIS SNELL, B. S.....	Mechanic, in charge of Repairs
RODNEY KIMBALL.....	Custodian of Athletic Equipment

### SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.

HANNAH C. PACKARD, Special Instructor in Vocal Music.

RICHARD P. CONDIE, Special Instructor in Vocal Music.

GEORGE W. FITZROY, Special Instructor in Piano.

LYNN TAYLOR, Special Instructor in Art.

### STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—J. E. Hayes, L. C. Bryner.

Aiding Graduates to Obtain Employment—E. M. Jenson, H. V. Hoyt, the Deans.

Alumni Directory—Oliver Smith, Mary Callan, J. R. Clark.

Athletics—P. A. Christensen, J. W. Knight, H. R. Merrill, K. B. Sauls, H. G. Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics, E. R. Kimball.

**Attendance and Scholarship**—W. H. Boyle, Joseph K. Nicholes, Arthur Gaeth, May Billings.

**Awards and Prizes**—T. E. Pardoe, Franklin Madsen, C. J. Hart, Verla Birrell.

**Campus**—L. S. Morris, B. F. Harrison, B. F. Larsen, S. T. Shaw.

**Care of Girls' and Women's Activities**—Dean of Women, Effie Warnick, Hermese Peterson, Ileen Waspe, Irene S. Barlow.

**Catalogue and Other Quarterlies**—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

**Debating**—O. M. Wilson, A. C. Lambert, Elmer Miller, A. J. Morley, A. W. Tracy, A. S. Pond, Weldon Taylor.

**Eligibility**—Milton Marshall, H. G. Ivins, J. E. Hayes.

**Graduation**—B. F. Cummings, Joseph Sudweeks, R. D. Law, E. M. Rowe.

**Lectures and Musicals**—J. C. Swenson, H. R. Clark.

**Library**—Alice L. Reynolds, M. W. Poulsen, W. J. Snow, S. B. Sperry, J. V. Stimpson, Librarian.

**Personnel**—Russell Swenson, W. P. Lloyd, R. D. Law, A. C. Lambert, Jack Gibb, A. Johansen.

**Petitions**—S. T. Shaw, Gladys D. Black, D. E. Beck.

**Publicity**—H. R. Merrill, E. H. Holt, K. B. Sauls, J. M. Jensen, Elsie C. Carroll, R. A. Britsch.

**Schedule of Events**—Marjorie Seegmiller, G. de Jong.

**Schedule of Classes**—E. H. Holt, N. I. Butt, Edna Snow.

**Social Affairs**—Elmer Miller, G. H. Hansen, Dean of Men, Dean of Women, Margaret Burton, K. E. Young, and L. C. Bryner.

**Social Units**—Dean of Men, G. H. Hansen, G. De Jong, Thomas Broadbent, Leona Holbrook, A. S. Ballif, Registrar, Dean of Women, and Student Representatives.

**Student Accommodations**—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Thomas Broadbent, Floyd Millett.

**Student Aid and Employment**—Dean of Men, Dean of Women, Kiefer B. Sauls, H. V. Hoyt.

**Student Publications**—H. R. Merrill, B. F. Larsen, Irene Osmond, Naoma Rich.

**University History**—Alice L. Reynolds, J. M. Jensen, Ella L. Brown, N. I. Butt, Elsie C. Carroll.

## Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

**Buildings.** The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing \$75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was \$112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association

in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories. The name was changed to George H. Brimhall building.

During the year 1935-36 a Stadium House, on the west side of the football field was erected.

In 1937-1938, Allen Hall—a men's dormitory—was constructed at the corner of First East and Seventh North streets. This will accommodate seventy-five students.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. Following a movement initiated by the Alumni Association, seventy-five acres was purchased in 1923-24. Since that time purchases have been made of other tracts not only on University Hill, but adjacent to and between the two campuses, until the area now comprises more than one hundred twenty-five acres.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maser, Dr. Milton K. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

**Educational Growth.** The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work. Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years' college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established. During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Wood-work. On April 21, 1935, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

**University Credits Recognized.** The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

## ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science
2. A College of Arts and Sciences
3. A College of Commerce
4. A College of Education
5. A College of Fine Arts

6. A Graduate School
7. An Extension Division
8. A Research Division

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

### DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration

Agronomy

Animal Husbandry

Art

Bacteriology

Botany

Chemistry

Economics

Educational Administration

Elementary Education

English

Finance and Banking

Geology and Geography

History

Home Economics

Horticulture

Journalism

Landscape Architecture

Library

Marketing

Mathematics

Mechanic Arts

Modern and Classical Languages

Music

Office Practice

Physical Education

Physics

Political Science

Philosophy of Education

Psychology

Religious Education

Secondary Education

Sociology

Speech

Zoology and Entomology

1938

**UNIVERSITY FEES**  
 (All fees are payable in advance)

**College and Graduate Students:**

Registration fee for full year if paid at beginning of Autumn quarter .....	\$70.00
Registration fee for less than the full year, the quarter .....	25.00
Withdrawal deposit .....	1.00
Student activity fee, each quarter.....	5.00
(Or \$12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter .....	1.00

**Secondary Training School:**

Senior High School—10th, 11th, 12th grades, the year.....	\$20.00
Activity fee .....	3.00
Gymnasium service fee, the year.....	.50
Junior high school—7th, 8th, 9th grades.....	10.00

**Elementary Training School:**

1st to 6th grades, the year.....	\$10.00
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**Special Fees:**

Late registration (after first week of each quarter).....	\$ 2.00
Special students (eight credit hours or less), for each hour .....	2.50
Special examinations, for each hour .....	2.50
(Provided the maximum fee in any one subject shall not exceed \$20.00)	

**Graduation:**

Degree .....	\$10.00
Normal Diploma .....	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of \$5.00 is charged those who elect Secondary or Elementary Training.

**STUDENT EXPENSES**

The cost of books varies from \$5.00 to \$10.00 a quarter, depending upon the number and the nature of the courses elected.

**Dormitory Facilities.** Dormitories providing healthful and congenial living quarters for both men and women students will be available on a cooperative basis.

Allen Hall is available for men and provides every modern convenience. All accommodations are furnished, including furniture, bedding, and linen. The occupants do all the necessary work aside from the cooking, and pay the actual expenses of operation. This results in some saving to the occupants. Similar accommodations will be available for women students.

Applications to live in dormitories should be filed before the opening of school, and should be accompanied by a deposit fee of \$5. If the student decides later not to enter the University, the deposit fee will be returned.

Board and room in private homes costs from \$4.50 to \$6.00 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

### REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except \$5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

### ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

**The Brigham Young University Permanent Endowment Fund.** June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

### LOAN FUNDS

**The Emmeline B. Wells Relief Society Loan Fund.** In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

**Student Loan Fund.** The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

**Gamma Phi Omicron Loan Fund.** The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

**Alpha Kappa Psi Loan Fund.** The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

**Federation of Women's Clubs Loan Fund.** The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

**Christensen-Paulsen Loan Fund.** The Christensen Construction Company of Salt Lake City has established a loan fund for the benefit of students who are in special need of assistance. This fund is under the direction of the Deans' Council.

### ASSOCIATED STUDENTS

**General Organization.** This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which con-

tribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

**Associated Women Students.** This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

**The Presidents Club.** This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

**Block "Y" Club.** An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

**White Key.** Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

### CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

### SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training.

To provide suitable opportunity for the fulfillment of this purpose a Social Unit Organization has been adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest, and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from the faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

### DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

**The "Ag" Club.** This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Social functions in conjunction with the Home Economics department are featured during the year.

**David Starr Jordan Biology Club.** This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

**Drama League.** The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those

who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

**French, Spanish, German, and Latin Clubs.** Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

**Gamma Phi Omicron.** (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

**Home Economics Club.** The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

**Graduate Club.** This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

**Literary Club.** The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

**"Y" Psychological Society.** An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

**Studio Guild.** This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with

arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

**Yeshara—Women's Missionary Club.** An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

**The "Y" Chemical Society.** An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

**International Relations Club.** The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

**Omega Nu.** The Omega Nu honorary journalism fraternity was founded in the autumn of 1935 to stimulate interest in journalism and to promote higher standards in the field.

**Geographical Clubs** are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

#### NATIONAL FRATERNITIES

**Theta Alpha Phi.** National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theater.

**Tau Kappa Alpha.** Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

**Alpha Kappa Psi.** (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

**Beta Beta Beta.** (Phi Chapter.) Installed January 31, 1931. An international honorary biological fraternity, which

emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

**Phi Delta Pi.** Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

**Blue Key.** The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

**Sigma Pi Sigma.** A national honorary Physics Society with the following objectives: (1) to stimulate high scholarship, (2) to create an interest in research and the advanced study of physics, and (3) to encourage friendship among the majors in the department. Installed May 2, 1936.

**Delta Phi.** A national honor fraternity whose membership on the "Y" campus is elected from those who have served as missionaries for more than six months. Its purpose is to foster spiritual activity, high ideals, fellowship and sociability. Regular programs and luncheons are conducted during the school year at which men of the Church and state are the principal speakers. The "Y" chapter is associated with like chapters at the Utah State Agricultural College and the University of Utah.

**Phi Chi Theta.** (Psi Chapter.) Installed March 12, 1938. A women's national professional fraternity. The purposes and objectives for which this fraternity is organized are to promote the cause of higher business education and training for women, to foster higher ideals for women in business careers, and to encourage fraternal cooperation among women preparing for such careers.

#### NON-STUDENT ORGANIZATIONS

**B. Y. U. Women's Organization.** The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instruc-

tor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

**Faculty Fine Arts Club.** This club is organized to develop and maintain a closer cooperation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

### SCHOLARSHIPS

**Graduate Scholarships.** A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

**Eliza A. Wallacott Scholarship.** A scholarship for girls representing \$30.00 awarded annually through the recommendation of the President.

**Van Wagenen Band Scholarship.** For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of \$50.00.

**Junius M. Jackson Scholarship.** An annual scholarship of \$75.00 to the most outstanding athlete at the end of the junior year, judged on the basis of athletic participation and scholarship, as determined by the Athletic Council and Registrar, awarded by Junius M. Jackson, President of the Jackson Motor Car Company of Salt Lake City.

**Annual Commercial Contest Scholarships.** Scholarships are awarded to winners of specified events in the Commercial contest for high school students held at the University each year.

**The Oscar B. Young Prize.** An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of Mormon Community Life. The adjudication is under the supervision of the department of Sociology.

**Mask Club Scholarship.** An award of twenty-five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

**Speech Tournament Scholarships.** The University awards two annual scholarships representing one year's tuition fees to two high school seniors attaining the highest degree of excellence in speech achieved in the Brigham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This private instruction may be taken from any member of the speech department staff.

### AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

**Provo Chamber of Commerce Medal.** The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

**The Elsie Chamberlain Carroll Medal.** Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

**The Adams Gold Medal.** Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

**The Taylor Gold Medal.** Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

**Alpha Kappa Psi Scholarship Award.** Alpha Kappa Psi Fraternity awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

**The Dr. Horace G. Merrill Silver Loving Cup** is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

**The Woolley Gold Medal.** Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

**The Stein Gold Medal.** Mr. J. Edwin Stein offers annually

a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

**The R. R. Irvine Medal** is presented annually for excellence in oratory, subject to be based upon some economic problem.

**The Class of 1919 Gold Medal** is awarded annually for excellence in vocal art.

**The Noble Medal.** Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

**The Provo Drama Center, Mask Award.** A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

**Provo Rotary Club Gold Medal.** A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

**Studio Guild Medal.** A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

**Dramatic Service Awards.** The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

**Egbert Gold Medal.** Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

**Sigma Xi Award.** The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

**I. E. Brockbank Award.** Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

**The Delta Phi Fraternity** presents annually a gold medal for excellence in extemporaneous speaking.

**Tau Kappa Alpha Fraternity** presents two gold medals to the winners of the inter-class debate league.

**Journalism Awards.** Omega Nu, journalism fraternity, fosters annual contests in short story, feature article, essay,

verse, and news writing. Awards are donated by members of the Journalism Department faculty.

**Graham Journalism Medal.** Howard Graham annually gives a gold medal to be awarded to a student who has done exceptional journalistic service to the University.

**Green Journalism Medal.** Forace Green, graduate of the B. Y. U. Journalism Department, annually gives a gold medal to the outstanding Journalism graduate.

**Sundberg Prize.** Mrs. Flora Harvey Sundberg awards annually a cash prize to the most outstanding student in Religious Education.

## DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

## FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his University office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if

those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

### DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

### DEAN OF MEN

The Dean of Men is charged with the general oversight of all men students, and is always ready to aid and advise them in matters pertaining to their social, personal, and vocational problems. Assistance and advice is also available regarding employment and housing problems. All men students are required to leave a directory card with the Dean of Men when they register.

### LIBRARY

The University Library contains more than 105,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General.

Brimhall Collection—Theology.

Bennion Collection—Biography.

C. H. Carroll—Medicine.

Egbert Collection—Music.

Heber J. Grant—General.

Henning Collection—Archaeology.

Hinckley Collection—Geology.

Ivins Collection—The American Indian.

Jordan Club Collection—Biology.

Lund Collection—Music.

McKay Collection—Education.

Mask Club Collection—Dramatics.

Nelke Collection—General Literature.

Reynolds Collection—Literature.

Smith (F. W.) Collection—Chemistry.

Sorosis Club Collection (Memorial)—General.

Spilsbury Collection—Home Economics.

Talmage Collection—Science and Religion.

Whitaker Collection—Foreign Languages.

Whitecotton Collection—

Widtsoe Collection—Agriculture.

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

#### SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified vertebrate and invertebrate species of Utah and contiguous states. A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the Intermountain Region. The bird collection consists of about 3,000 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-1903.

The Entomological collections consist of 190,000 specimens, the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, the Charles W. Leng Weevil Collection, the Charles Schaeffer Weevil Col-

lection, and many species of weevils from the Blatchley Collection form important portions of this collection.

These collections are being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a number of medical plants and a series of plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 125 families, 740 genera, and 2,110 species, represented by over 7,500 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archaeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts collection consists of drawings, paintings, sculpture, and art prints. The collection contains outstanding paintings and sculpture by Utah artists and also pictures by the following well-known painters: John F. Carlson, John E. Costigan, Elliot Dangerfield, Maynard Dixon, George Pearse

**BRIGHAM YOUNG UNIVERSITY**

Ennis, Gordon Grant, Marie A. Hull, William Morris of England, Lee F. Randolph, George Taggart, and Anthony Thieme. The Fine Arts collection contains hundreds of reproductions of the work of master painters, sculptors, architects, craftsmen and illustrators.

**GENERAL REQUIREMENTS FOR UNDER-  
GRADUATE WORK****ADMISSION**

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English .....	3 units
A principal group .....	3 or more units
A secondary group .....	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be

rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

### COURSE DIVISIONS

Undergraduate courses of study are divided into:

- (a) Lower Division.
- (b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

### ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Four hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

### CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

### CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of \$2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed \$20.00.

### GRADUATION GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit .....	186 hours
Requirement for a major .....	30 hours
Requirement for a minor .....	20 hours

**Group Requirements:**

Mathematics and Physical Science .....	12 hours
Biology and Psychology .....	12 hours
Social Science .....	12 hours
English and Foreign Languages .....	18 hours

**Lower Division Courses Required:**

- English 1, 2 and 3.  
Physical Education 1, 4, 5, 6.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

**GROUP REQUIREMENTS**

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register

for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science.** 12 hours. (Mathematics, Chemistry, Physics, Geology and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.
2. **Biology and Psychology.** 12 hours. (Bacteriology, Botany, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.
3. **Social Science.** 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarters in one department may be counted in fulfilling this requirement.
4. **English and Foreign Languages.** 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

### MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

## STATE REQUIREMENTS FOR TEACHING CERTIFICATES

**General High School Teaching Certificate.** An applicant for the general high school certificate must show:

(1) That he has completed a standard college course of four years, or its equivalent.

(2) That he has a teaching major of at least thirty hours in one subject which is taught in Utah high schools, at least 15 hours of which must be in upper division work, and one teaching minor of eighteen hours in a subject which is taught in Utah high schools.

(3) That he has at least 13 hours of work in the following subjects allied to education: 3 hours in health education, 10 hours in ethics and sociology, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4) That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in the organization and administration of secondary education, 3 hours in educational psychology, and 3 hours in guidance and personnel.

The additional credit in education may be selected from the following subjects:

Advanced Educational Psychology.

Social Psychology.

Social Education.

Statistical Methods.

Educational Tests and Measurements.

Special Methods.

History of Education.

Philosophy of Education.

**First Class Elementary School Teaching Certificate.** Beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education, 3 hours in art, 3 hours in music, 27 hours in education to include 10 hours in training and at least 3 hours in each of the following education subjects:

Educational Psychology.

Elementary School Curriculum.

Principles of Education.

Organization and Administration of Elementary Schools.

There will also be included in the 135 hours, 10 hours in each of the following groups:

Social Science.

Biological Science.

Physical Science.

### THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

**Character of Graduate Work.** The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

**Registration.** All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

**Admission To Candidacy.** Registration for graduate study does not admit a student to candidacy for a higher degree. A

graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

**Requirements for the Master's Degree.** Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 45 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of

his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

A maximum of nine (9) quarter hours of graduate extension credit may be applied toward a Master's degree provided such credit has been earned through the Extension Division of this University and has been approved by the Director of the Extension Division and the Dean of the Graduate School when the candidate registers for such credit. No credit earned in Correspondence courses can be applied toward a Master's degree.

A maximum of nine (9) quarter hours of graduate credit earned in another standard college or university may be applied toward a Master's degree, but in no instance shall such transferred credit, or any extension credit be accepted toward the fulfillment of the requirements for a Master's degree unless all such credit is closely integrated and related to the candidate's major field of study.

Under no circumstances shall a candidate be permitted to apply more than a maximum of fifteen (15) quarter hours of combined extension credit and transferred credit from other approved colleges and universities.

The use of extension credit and transferred credit for the Master's degree shall under no conditions modify the University requirement that a candidate for this degree must be in residence during three quarters.

A minimum of thirty (30) quarter hours of graduate credit must be secured in residence in this institution.

## SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: Graduation with Honor, and Graduation with High Honor.

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer

than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

**Term Honors.** The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors, and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

## Colleges

### COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Bacteriology, Animal Husbandry, Horticulture, Home Economics, Landscape Architecture, Mechanic Arts.

#### SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN HOME ECONOMICS

(To qualify for a vocational Home Economics Certificate)

Group and prerequisite requirements .....	66 hours
Clothing and Textiles, 1, 2, 3, 56, 60, 61, 65 .....	21 hours
Foods and Nutrition 10, 11, 12, 50, 53, 54.....	22 hours
Household Administration 5, 53, 54, 60, 61, 62, 71, 72, 73, 80, 81, 82 or 78 .....	26 hours
Education must meet State requirements.....	30 hours
Art 21, 25 and 26 or 28 and 29.....	6 hours
Physical Education .....	3 hours
<hr/>	
	174 hours

The 69 hours in Home Economics courses replace the major and minor requirements.

#### SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN AGRICULTURE

(To qualify for a Smith-Hughes certificate)

Agronomy 21, 41, 52, 60.....	14 hours
Animal Husbandry 1, 2, 5, 8, 9.....	17 hours
Botany 70 .....	4 hours

Entomology 34 .....	3 hours
Horticulture 1, 2, 3, 7, 32, 59.....	18 hours
Marketing 37 .....	3 hours
Mechanics 1, 2, 6, 11.....	10 hours
Drawing 1, 4 .....	4 hours
Landscape Architecture 21, 24 .....	6 hours
Public Speaking 1 .....	2 hours

State teachers requirements in education and psychology which must include: Secondary teaching 63 and 94.

The hours in agriculture and mechanics replace the major and minor requirements.

Group requirements ..... 54 hours

### COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

**Biological Science Division.** For students with special interest in bacteriology, botany, psychology, and zoology.

**Physical Science Division.** For students with special interest in chemistry, geology, geography, mathematics and physics.

**Social Science Division.** For students with special interest in history, political science, sociology and economics.

**Language Division.** For students with special interest in English, French, German and Spanish.

**General Course Division.** For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

**Pre-Engineering Course**

**Freshman Year:** English 1, 2, 3; Chemistry 4, 5, 6; Mathematics 11, 12, 13, The rest of time from the following: Drawing 4, 5, 6; Physical Education 1, 4, 5, 6, or electives.

**Sophomore Year:** Mathematics 50, 51, 52; Physics 41, 42, 43; Surveying, and the rest of the time from the following: Drawing, Economics, and electives.

**Pre-Medical Course**

The following courses are required in a Pre-medical course: Chemistry 4, 5, 6, 71, 72, 73; Physics 41, 42, 43; English 1, 2, 3; German 1, 2, 3, 55, 56, 57; Zoology 11, 18, 55, 56, 71, 72; Bacteriology 21 and 22; Psychology 11; Sociology 1, 2, 3. Electives should be chosen from courses which satisfy group requirements.

**Pre-Legal Course**

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11; Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Bacteriology, Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

**COLLEGE OF COMMERCE**

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments:

Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

### COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The departments of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional and educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their sophomore year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

**Training Schools**—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. One hundred thirty-five hours are required for

the Normal Diploma. The prescribed work for this diploma is as follows:

Elementary Education 3, 4, 50, 51, 52, 54, 55, 61, or 63; Art 41, 42, or 43; Music 41; Psychology 51; Zoology 58; English 1, 2, 3; Library 11; Speech 1, 4, or 11; Physical Education 1, 21, 22. Of the ten hours required in the Social Science group Sociology 11 or 55 is prescribed. In the Biological Science group, Bacteriology 21, and Botany, and in the Physical Science group, Geography 52 are prescribed. The other electives should be chosen with the advice of the head of the department of Elementary Education.

Only students of Junior standing will be permitted to take elementary training.

Those who complete the University's requirements for elementary teaching will receive, upon application, a diploma. These requirements include the minimum requirements prescribed by the state and, at the same time anticipate the requirement for a degree in Elementary Education which may be secured upon completion of one more year of carefully selected work.

The diploma is an endorsement of the students' fitness to teach in the elementary schools and will enable the student to secure a first class elementary school certificate from the Utah State Board of Education.

### COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

**SUMMER SESSION**

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

**LYCEUM COURSE**

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

Nicholas Roosevelt.....	Diplomat and Journalist (2 appearances)
Gerald Wendt.....	Chemist (2 appearances)
Jan Cherniavsky.....	Pianist (2 appearances)
Susan Ertz .....	Novelist
Mrs. Forbes-Robertson Hale..	Actress and Author (2 appearances)
George Slocombe.....	Journalist
Wilbur Evans .....	Baritone
Ethan Colton.....	Political Observer
Luther King .....	Tenor
Mary Ellen Chase.....	Author
John Mulholland .....	Magician
William Rose Benet.....	Poet
Vilhjalmar Stefansson .....	Explorer
Robert Cesadesus .....	Pianist
Stuart Chase.....	Economist and Author
Salvador de Madariaga .....	Diplomat
Gaspar Cassado .....	'Cellist

Joseph Auslander .....	Poet
S. K. Ratcliffe .....	Journalist
Mischa Elman .....	Violinist
Percy Grainger .....	Pianist
Helen Jepson.....	Metropolitan Opera Soprano

# Courses of Instruction

## AGRONOMY

*Professors Martin, Harrison, Stewart, Morris, Ivins, Shaw; Associate Professor Sudweeks, Assistant Professor Johansen*

Students interested in the range management phase of forestry are advised to take the following courses:

Botany 1, 3, 60, 70, 80; Agronomy 21, 23, 41, 57, 73; Animal Husbandry 4, 5; Horticulture 3, 40; Landscape Architecture 20; Zoology 11, 30, 57; Surveying 1.

### Lower Division Courses

21. **General Crops.** Winter. M. W. F., 1:30. (Lab. T. Th. 2:30-4:30.) Five hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

23. **Forage Crops.** Fall Quarter. M. W. F. 10:30. Three hours credit. Harrison.

Native and cultivated grasses and other plants useful as forage are treated from the standpoint of their systematic classification, ecology, distribution, and relative value. Prerequisite: Botany 3.

40. **Weeds.** Winter. T. Th., 2:30. Two hours credit. Shaw. (See Horticulture 40.)

41. **Soil Physics (General Soils).** Autumn. T. Th. F., 8:30. (Lab. F. 8:30.) Three hours credit. Martin.

A review of the physical, chemical and microbiological phase of soil study with emphasis on soil physics.

### Upper Division Courses

50. **Advanced Cereal Crops.** Spring. T. Th., 1:30. Two or three hours credit. Shaw.

A technical course largely based on morphology and physiology of the grasses.

52. **Soil Chemistry.** Autumn. T. Th., 3:30. Two hours credit. Nicholes. (See Chemistry 54.)

This course deals with the chemistry problem as applied to soils. A study is made of the chemical analyses of soils, soil alkali, soil acidity and lease exchange, and certain rarer elements on the chemical characteristics and changes in the soils. Studies are also made on the role the rarer elements play in plant nutrition.

53. **Soil Chemical Analysis.** Autumn. M. W. F., 2:30-5:30. Three hours credit. Martin.

A laboratory course designed to accompany the lecture course in Soil Chemistry. Complete quantitative analyses are made of soils, fertilizers, and organic matter. Written reports and discussions of the chemistry involved will be part of the work.

54. **Conservation and Land Utilization.** Spring. Three hours credit. (See Geography 54.) (Not given this year.)

57. **Soil Classification and Survey.** Spring. T. Th., 8:30. Three hours credit. Martin. (Lab. F., 2:30-4:30.) (See Geology 57.)

A study is made of the influence of geologic forces and climatic environment on soil development, classification of soils based upon soil profile characteristics, and methods of the soil survey.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Horticulture 59.)

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. (See Animal Husbandry 60.)

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

63. **Teaching of Agriculture.** Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. **Range and Forest Soils.** One to four hours credit. Stewart and Martin. (Given by special arrangement.)

Nature and quality of soils as they occur on ranges and forests of the intermountain region. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

73. **Range Management.** Three hours credit. Spring. M. W. F., 10:30. Stewart and Shaw.

The management of Range Land will be studied with respect to soil erosion, flood, watershed, forage and timber production and livestock grazing.

75. **Geography of Agriculture.** Three to six hours of credit in proportion to amount of work done. Stewart and Martin.

A course dealing with the location and nature of agricultural development, including grazing, as determined by climate, topography, soil, water supply, transportation, markets and other geographic influences.

80. **Research in Biological Methods.** (See Horticulture 80.)

91. **Conservation of Plant and Soil Resources.** Four hours credit.

Stewart. Time to be arranged. Extra credit for additional work may be obtained.

This course consists of a study of the conservation problems related to water, soil, range, and forest and their influence on farm and community stabilization.

92. **Soil Microbiology.** Winter. M. W. F., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with bacteria in relation to soil fertility. Prerequisites: Bacteriology 21, and Agronomy 41, 52.

93. **Soil Microbiology.** Winter. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 22, and Chemistry 10, 11.

95. **Algae and Fungi of the Soil.** (See Bacteriology 95.)

96. **Seminar.** Autumn, Winter or Spring. One hour credit. Martin.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. **Research.** Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. **Special Problems in Soils.** Winter or Spring. Credit and subject matter to be arranged. Martin and Shaw.

Algae and fungi activities in soil, fermentation, physical, chemical, and biological properties of native soils, nitrification, nitrogen-fixation and lignin protein complex studies are among the problems considered in the course. Type of problem selected is based upon the previous preparation of the student.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

#### Graduate Courses

123. **Advanced Range Management.** Time and credit to be arranged. Stewart.

157. **Soil Classification.** Spring. T. Th., 8:30. Three hours credit. Martin.

170. **Range and Forest Soils.** Four or five hours credit. Stewart.

175. **Geography of Agriculture.** Time and credit to be arranged.

180. Agronomy. Research in Biological Methods. (See Horticulture 180.)
191. Western Land Problems. Spring. Three hours credit. Pond.
192. Soil Microbiology. Autumn. M. W. F., 1:30. Three hours credit. Martin.
193. Soil Microbiology Laboratory. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.
195. Algae and Fungi of the Soil. (See Bacteriology 195.)
196. Seminar. Credit to be arranged.
197. Research. Time and credit to be arranged.
198. Special Problems in Soils. Time and credit to be arranged.
199. Agricultural Literature. Time and credit to be arranged.
200. Thesis. Credit to be arranged.

### ANIMAL HUSBANDRY

*Professor Ivins; Dr. Cullimore, Assistant Professor Johansen*

#### Lower Division Courses

1. Elementary Stock Judging. Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins.  
This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the country where practice in scoring and judging of animals will be done.
2. History of Breeds. Spring. Daily, 9:30. Five hours credit. Ivins.  
All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.
4. Beef Cattle Husbandry. Autumn. T. Th., 9:30. Two hours credit. Ivins.  
This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.
5. Sheep Husbandry. Winter. T. Th., 9:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins. (Not given this year.)

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

#### Upper Division Courses

50. **Horse Husbandry.** Spring. T. Th., 1:30. Two hours credit. Ivins.

A brief study of breeds of horses. Discussion of problems of feeding and management, with special emphasis on care and training of the American Saddle horse.

51. **Animal Breeding.** Autumn. M. W. F., 10:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc. Prerequisite: Zoology 78, or Botany 80.

59. **Types and Breeds of Poultry.** Autumn. T. Th., 1:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

60. Farm Management. Winter. M. W. F., 1:30. Three hours credit. Ivins.

This course takes up the general consideration of farm management, with special attention to livestock on the farm.

65. Animal Physiology. Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

81. Milk and Milk Products. Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. Dairy Survey. Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. Seminar. Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

98. Experimental Animal Nutrition. Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Johansen.

#### Graduate Course

110. Research in Nutrition. Time and credit to be arranged. Ivins and Johansen.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

#### ART

*Professor Larsen; Assistant Professors Jensen, Snell; Miss Birrell.*

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 14, 21, 38, 39, 40, 52, 53, 74. Those preparing to teach Art should take 25, 26, 28, 29, 54 additional.

#### Lower Division Courses

1. Art Appreciation. Autumn. T. Th., 1:30. Two hours credit. Birrell.

Foundational principles of art introduced as means for the general appreciation of beauty in nature and in the creations of the artist. Illustrated orientation lectures related to historical art development.

7. **Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. **Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

9. **Illustration.** Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and Landscape Composition with various media.

- 11, 12, 13. **Water Color Painting.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Birrell.

Pictorial composition emphasized. Theory of color scheming. Standard methods of rendering introduced. Still life painting. Objective representation and landscape composition emphasized.

- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen (See Marketing 14, 15, 16.) Art 11, 12, and 13 recommended as parallel courses.

Show card writing, poster designing, advertising arrangement.

21. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Drawing 1.)

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the other courses in this department.

- 25, 26. **Applied Design.** Winter and Spring. T. Th., 3:30-5:30. Studio hours to be arranged. Two hours credit. Birrell.

The principles of creative design as applied to the textile arts and ceramics and various crafts. Theory of color adapted to creative design. Motif application of motif drawing. Prerequisite: Art 21.

28. **Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. **Interior Decoration.** Spring. M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

38. **Outdoor Sketching.** Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Study of landscape elements and landscape composition.

39. **Still Life and Figure Painting.** Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Pictorial composition emphasized.

40. **Outdoor Sketching.** Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

- 41, 42, 43. **Art for Elementary School Teachers.** Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Methods of teaching and integrating art with the other subjects will be stressed.

#### Upper Division Courses

52. **Art History and Appreciation.** Winter. T. Th., 1:30. Two hours credit. Birrell.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament and painting to the end of the middle ages.

53. **Art History and Appreciation.** Spring. T. Th., 1:30. Two hours credit. Birrell.

Renaissance architecture, sculpture, graphic arts, ornament and painting. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

- 54, 55. **Methods of Teaching Art.** Autumn, Winter. M. W. F., 9:30. Three hours credit. Birrell. Two hours credit given by Department of Education on Art 54.

Course of study planning. Survey of art mediums, materials, and tools best adapted especially to the secondary school level. Application problems adapted to student's needs.

- 57, 58, 59. **Interpretative Drawing.** Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

- 61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16, 17, 18, 19.

64. Water Color Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

65. Water Color Painting. Winter. M. W. F. 3:30 to 5:30. Two to four hours credit. Larsen.

Illustrative and decorative landscape painting emphasized. Color theory applied.

66. Water Color Painting. Spring. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Continuation of Art 65. Outdoor sketching. Individual expression emphasized.

67. Oil Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Emphasis upon landscape painting.

68. Oil Painting. Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model.

69. Oil Painting. Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition.

70. Painting. Spring. Time to be arranged. One or two hours Credit. Larsen.

Drawing and painting from life in various media.

- 74, 75, 76. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Birrell.

Craftwork emphasized.

- 78, 79. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

- 91, 92, 93. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen.

History of Interior Decoration. Emphasis on period furnishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29. (See Household Administration 52, 53, 54.)

**Graduate Courses**

- 114, 115, 116. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Jensen.
- 124, 125, 126. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Birrell.
- 151, 152, 153. Nineteenth and Twentieth Century Art. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Larsen.  
Appreciative interpretation of important works of art. Impressionism and modernist experiments in Europe and America. The development of American art. Brief survey of Utah art. Contemporary artists and their work.
154. Advanced Normal Art Method. Autumn. M. W. F., 9:30. Three hours credit. Larsen and Birrell.
- 157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. 2:30. Two hours credit. Larsen.  
Composition study in various media.
- 164, 165, 166. Water Color Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to four hours credit each term. Larsen.  
Pictorial composition emphasized. Development of individual expression.
- 167, 168, 169. Pictorial Composition—Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to five hours credit. Larsen.
170. Painting. Spring. Time to be arranged. One or two hours credit. Larsen.  
Drawing and painting from life.
- 191, 192, 193. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Larsen.
200. Research. Autumn, Winter, Spring. W., 3:30. Credit to be arranged.

**BACTERIOLOGY**

*Professor Martin; Assistant Professor Bryner; Dr. Oaks, Miss Snow.*

21. General Bacteriology. Autumn or Winter. M. W. F., 2 sections, 9:30. Martin and Snow. Spring, 1 section at 9:30, 1 section 10:30. Snow. Three hours credit.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

22. **General Bacteriology Laboratory.** Autumn, Winter or Spring. Sec. 1. M. W. Sec. 2. Autumn, Winter, T. Th., 1:30-4:30. Two hours credit. Martin and Snow.

Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

### Upper Division Courses

62. **Bacteriology of Milk.** Winter. Laboratory 1:30-4:30, M. W., and one class period to be arranged. Three hours credit. Martin. (Not given for fewer than five students.)

Attention is given to the bacteria of milk and milk products in general, and their relation to disease. Prerequisites: Bacteriology 21 and 22, and Animal Husbandry 21.

71. **Bacteriology of Fermentation.** Winter. M. W. F., 10:30, and one laboratory period. Four hours credit. Bryner.

A study of the industrial applications of bacteria, including yeast, lactic, butyl isotonic, citric acid and other fermentations. Prerequisites: Bacteriology 21 and 22, and Chemistry 71.

73. **Physiology of Bacteria.** Autumn. M. W. F., 8:30. Three hours credit. Bryner.

A study of the effect of environment on growth of bacteria.

81. **Pathogenic Bacteriology.** Spring. M. W. F., 8:30. Three hours credit. Oaks and Martin.

An advanced course in bacteriology designed for those desiring information about human diseases and who are preparing for the professions of nursing, public health, dietetics and medicine.

82. **Pathogenic Bacteriology Laboratory.** Spring. T. Th., 2:30-5:30. Two hours credit. Martin.

Designed to accompany Bacteriology 81.

92. **Soil Microbiology.** Winter. M. W. F., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

93. **Soil Microbiology Laboratory.** Winter. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92.

It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 21, 22, and Chemistry 10.

95. Algae and Fungi of the Soil. Autumn. M. W., 2:30-4:30.  
T., 8:30. Three hours credit. Martin and Snow.  
A course designed to acquaint the student with the types  
of algae and fungi which inhabit the soil.
96. Seminar. One hour credit each quarter. Martin, Oaks and  
Snow.
98. Special Problems in Bacteriology. Credit, time and subject  
matter to be arranged. Martin, Oaks and Snow.  
Problems having to do with determinative bacteriology,  
algae and fungi activities in soil fermentation, disinfection  
and antiseptic studies, organisms which infect the nose and  
throat, food and fomite studies will constitute the burden  
of the course. Type of problem selected will be based upon  
the previous preparation of the student.

### Graduate Courses

171. Bacteriology of Fermentation.  
173. Physiology of Bacteria.  
181. Pathogenic Bacteriology.  
182. Pathogenic Bacteriology Laboratory.  
192. Soil Microbiology.  
193. Soil Microbiology Laboratory.  
195. Algae and Fungi of the Soil.  
196. Seminar.  
197. Research.  
198. Special Problems.  
200. Thesis. Credit to be arranged.

### BOTANY

*Professors Harrison, Stewart, Morris; Miss Snow.*

Students majoring in Botany should present credit in Botany  
1, 3, 21, 50, 51, 52, 54, 60, 70, 80, 95.

Students who desire to teach biology in high school may  
select a major in either the Botany or Zoology department. The  
following courses should be completed as a minimum: Botany  
1, 2, 3, and 60. Bacteriology 21. Zoology 11, 18, 30, 57 or 59,  
65, and 66.

Students interested in range management should take the  
following courses: Botany 1, 3, 60, 70, and 80. Agronomy 21,  
23, 41, 57, 73. Animal Husbandry 4 and 5. Horticulture 3, 40.  
Landscape Architecture 20, Zoology 11, 57. Entomology 30. En-  
gineering 1.

**Lower Division Courses**

- 1. General Botany.** Autumn, Winter, T. Th., 9:30; Spring. T. Th., 10:30. Laboratory, Sec. 1, T. Th., 1:30 to 3:30; Sec. 2, 3:30 to 5:30; Sec. 3, W. F., 3:30 to 5:30. Four hours credit. Harrison and Snow.

Course dealing with the fundamentals of the structure, physiology, and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

- 2. General Botany.** Winter. T. Th., 10:30. (Lab. F. 1:30 to 4:30.) Three hours credit. Snow.

An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns are considered.

- 3. Classification of Plants.** Spring. M. W. F., 2:30 to 5:30. Four hours credit. Harrison.

The classification of seed plants and ferns of the Wasatch region to acquire a familiarity with the general principles of systematic botany, to learn the distinctive characteristics of the larger groups of plants, and to develop skill in the use of manuals.

- 8. Trees and Shrubs.** Autumn. T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 8.) (Not given this year.)

- 9. Trees and Shrubs.** Spring. T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 9.) (Not given this year.)

- 21. Anatomy.** Autumn. M. W. F., 1:30 to 3:30. Three hours credit. Harrison.

An introductory course in the origin, development, and maturation of the structures of vascular plants. Prerequisite: Botany 1.

- 25. Plant Histology.** Winter. Time to be arranged. Three hours credit. Harrison.

A laboratory course in the technique of preparing, cutting, staining, and mounting tissues for microscopic examination. Prerequisite: Botany 1.

**Upper Division Courses**

- 50. Morphology of Algae.** Autumn. T. Th., 8:30. (Lab. F., 1:30-4:30.) Three hours credit. Snow.

A study of the morphology, life histories, classification and relation of the main groups of algae. Prerequisite: Botany 1.

51. **Morphology of Fungi.** Autumn. T. Th., 8:30. (Lab. W. F. 2:30 to 4:30.) Three hours credit. Harrison. (Not given this year.)  
A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1.
52. **Morphology of Bryophytes, and Pteridophytes.** Winter. T. Th., 8:30. (Lab. T. Th., 1:30 to 3:30. Three hours credit. Snow.  
A study of the morphology, life histories, and relationships of the liverworts, mosses and ferns. Prerequisites: Botany 1, 21.
54. **Morphology of Spermatophytes.** Spring. T. Th., 8:30. (Lab. F., 1:30 to 4:30.) Three hours credit. Snow.  
A study of the morphology, life histories, classifications and relationship of the higher plants. Prerequisites: Botany 1, 21.
60. **Plant Physiology.** Winter. M. W., 8:30. (Lab. M. W., 1:30 to 4:30.) Four hours credit. Harrison.  
A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates, digestion and growth. Prerequisites: Botany 1.
70. **Plant Pathology.** Autumn. M. W. F., 10:30; (Lab. W. F., 3:30 to 5:30.) Five hours credit. Harrison.  
This course deals with the important diseases of local plants, their identification, cause and methods of control. Prerequisite: Botany 1, 51.
80. **Plant Ecology.** Spring. T. Th., 10:30. Field trip or laboratory period on alternating Saturdays. Four hours credit. Harrison.  
The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.
86. **Experimental Ecology.** Spring. T. Th., 9:30. (Lab. T. Th., 1:30 to 3:30.) Three hours credit. Harrison.  
A course dealing with the behavior of plants under measured and controlled environmental conditions. Prerequisites: Botany, 60, 80.
88. **Conservation of Natural Resources.** Time to be arranged. 3-5 hours credit. Stewart.  
The need for, and the means of providing conservation of forests, shrubs, range forage, and other plant cover as they affect land-use management. The inter-relations of

vegetation on water supplies and uses, on soil preservation, on live stock and wild life management, and on recreation are considered. Conservation of coal, minerals, and oil.

92. **Soil Microbiology.** (See Agronomy 92.)  
93. **Soil Microbiology Laboratory.** (See Agronomy 93.)  
95. **Seminar.** Autumn, Winter. M., 4:30. One hour credit each quarter. Harrison, Snow.  
Required of all majors in their junior and senior years.  
97. **Special Problems in Botany.** Credit, one to five hours. Time and credit to be arranged. Harrison, Snow.

#### Graduate Courses

153. **Advanced Special Morphology.** Time and credit to be arranged.  
Critical studies in the morphology of special groups.  
170. **Plant Pathology.**  
183. **Field Ecology.** Time and credit to be arranged.  
Field work in plant ecology done in connection with the regular biological expeditions sponsored by the University. The full time of the student will be required during the period of field work.  
186. **Experimental Ecology.**  
189. **Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.  
Distribution of desert, and mountain plants as influenced by the climatic and soil environments. Graduate students may be admitted by application for thesis problem in field.  
192. **Soil Microbiology.**  
193. **Soil Microbiology.**  
195. **Seminar.**  
197. **Special Problems in Botany.**  
200. **Research.** Any quarter. Four to six hours credit. Harrison, Snow.  
Independent research on a thesis problem and the writing of the thesis.

#### CHEMISTRY

*Professor Maw; Associate Professor Nicholes; Assistant Professors Bryner, Peterson, Johanson; Mr. Wing.*

Students majoring in Chemistry should present credit in Chemistry 4 and 5, or its equivalent, 6, 10, 11, 71, 72, 73, 97, and 81 or 76; also Seminar. It is advised that the fundamental

courses in Mathematics, Physics, German, and French be taken as early as possible.

Suggestive sequence for Chemistry majors: Chemistry 4, 5, and 6, the Freshman year; 10, 11, 62, and 51, 52, 53, the Sophomore year; 71, 72, 73, the Junior year; and 81, 82, 83 or 76, and Seminar, the Senior year.

#### Lower Division Courses

- 2, 3. Introductory General Chemistry.** Autumn and Winter or Winter and Spring. Course 2. Daily, 9:30 and 1:30. Autumn and Winter, 10:30. Spring. Course 3. Daily. Winter or Spring, 3:30. Two laboratory periods. Sec. I, M. W., 3:30-5:30. Sec. II, T. Th., 3:30-5:30. Five hours credit each quarter. Peterson.

For students beginning the study of Chemistry.

- 4, 5. General Chemistry.** Autumn, Winter, or Winter, Spring. Daily. Section I, 8:30; Sec. II, 2:30. Two laboratory periods. (Lab. Sections: T. Th., 9:30-11:30 or 12:30-2:30 or 1:30-3:30. M. W., 12:30-2:30 or 1:30-3:30.) Five hours credit each quarter. Nicholes. Prerequisites: High School Chemistry.

- 6. Qualitative Analysis.** Autumn and Spring. T., 8:30 or 2:30. Laboratory time to be arranged. Five hours credit. Nicholes and Wing.

The theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Prerequisites: Chemistry 4 and 5, or equivalent.

- 7, 8. Introductory General Chemistry.** Autumn and Winter. M. W. F., 1:30. Two laboratory periods. Sec. I, M. W., 3:30-5:30. Sec. II. T. Th., 3:30-5:30. Johanson.

For students beginning the study of chemistry. Intended primarily for students of home economics.

- 9. Elementary Organic Chemistry.** Spring. M. W. F., 9:30. Lab. T. Th., 3:30-5:30. Five hours credit. Johanson.

A survey course in Organic Chemistry for students of Home Economics and Agriculture. Foundational for Foods and Nutrition.

- 10, 11. Elementary Quantitative Analysis.** Autumn and Winter, or Winter and Spring. One lecture: Course 10. Autumn. M., 2:30. Winter. W., 2:30. Course 11: Winter. M., 2:30. Spring. W., 2:30. Two laboratory periods: M., 3:30-5:30; W., 2:30-5:30. Three hours credit each quarter. Wing.

The technique of gravimetric and volumetric processes of quantitative determinations. The principles and the-

oretical background are discussed. Prerequisites Chemistry 4, 5, 6, and College Algebra.

12. **Elementary Quantitative Analysis.** Spring. Three hours credit. Maw and Wing.  
Continuation of 11.

#### Upper Division Courses

51. **Inorganic Chemistry.** Autumn. T. Th., 10:30. Two hours credit. Nicholes.

A lecture course dealing with theoretical phases of inorganic chemistry.

- 52, 53. **Inorganic Chemistry.** Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Nicholes.

A lecture course dealing with the preparation, properties, composition and uses of the inorganic substances.

54. **Soil Chemistry.** Autumn. T. Th., 3:30. Two hours credit. Nicholes.

A lecture course in elementary soil chemistry. Emphasis will be placed upon inorganic soil constituents, base exchange, soil alkali, and soil acidity.

- 55, 56. **Colloid Chemistry.** Winter and Spring. 3:30. Two hours credit each quarter. Peterson.

Studies of the preparation, properties, and practical applications of the chemistry of colloids in biology, agriculture, and home economics.

57. **Methods of Glass Manipulation.** Autumn, Winter, Spring. Two laboratory periods. Time to be arranged. One hour credit. Bryner. Exercises in glass working. Demonstrations with pyrex.

62. **Quantitative Analysis.** Autumn, Spring. M., 2:30. Two three-hour laboratory periods. 2 to 4 hours credit. Continuation of Chemistry 11. Maw and Wing.

Includes electrolytic processes, lectures and student reports on special topics on chemical principles involved. Demonstrations of special methods.

63. **Advanced Quantitative Analysis.** Autumn, Winter, Spring. Time to be arranged. 2 to 10 hours credit according to work done. Maw and Wing.

Complete analysis of typical minerals. Includes silicates. Written reports.

64. **Advanced Qualitative Analysis.** Spring. One recitation. Six hours laboratory work. Time to be arranged. Three hours credit.

Laboratory exercises include anions, complex ions, and some of the rare elements. Prerequisites: Acceptable courses in qualitative and quantitative analysis, or permission by the instructor.

66. **Special Methods.** See Chemistry 166.
- 71, 72, 73. **Organic Chemistry.** Autumn, Winter, Spring. Daily, 10:30. Two laboratory periods, T. Th., 1:30-3:30. Five hours credit each term. Maw.  
A study of carbon compounds. Laboratory experiments in the syntheses and reactions of the different classes of organic compounds. The Autumn quarter deals with Aliphatic compounds. The Winter quarter with Aliphatic and Aromatic compounds. The course deals with compounds that are important from the theoretical, technical and biological standpoints. The Spring quarter completes the discussion of the Aromatic compounds and reviews the whole field in the form of qualitative tests and analysis of Organic compounds and mixtures. Prerequisites, Chemistry 10, 11.
76. **Biochemistry.** Autumn. M. W. F., 9:30. Three two-hour laboratory periods. M. W. F., 3:30-5:30. Five hours credit.  
A study of the constitution and reactions of proteins, fats, carbohydrates, and allied compounds of biological significance. It deals also with enzyme action, digestion, absorption, metabolism, and excretion.
77. **Biochemistry.** Winter. M. W. F., 9:30. Three two-hour laboratory periods: T. Th., 3:30-5:30. Five hours credit.  
A continuation of Chemistry 76.
- 81, 82, 83. **Physical Chemistry.** Autumn, Winter. M. W. F., 8:30. One three-hour laboratory period, T. or Th., Spring: lectures, T. Th., 2:30. Two three-hour laboratory periods, T. and Th., 1:30-4:30. Four hours credit each term. Bryner.  
This course deals with properties of gases, liquids, solids, solutions, thermochemistry, reaction velocity, electrochemistry, equilibrium, and colloids. Prerequisites: Physics 43, Calculus, and Chemistry 11.  
Non-Chemistry majors may register as 185, 186, 187 for graduate credit.
- 90, 91, 92. **Seminar.** Autumn, Winter, Spring. M., 4:30. One hour credit each quarter. Staff.  
Open to advanced undergraduates and required of senior and graduate majors.

97. **Special Problems.** Time and credit to be arranged. Registration by permission.

#### Graduate Courses

106. **Studies in the History of Chemistry.** Spring. F., 1:30. Two hours credit. Maw.
151. **Advanced Inorganic Chemistry.** Autumn. M. W. F., 9:30. Three hours credit. Peterson.  
Studies of the modern concepts of acids, bases, and salts, solutions in non-aqueous solvents, and the theories of solutions.
152. **Advanced Inorganic Chemistry.** Winter. M. W. F., 10:30. Three hours credit. Nicholes.  
A systematic study of the chemical elements based upon their periodic classification and atomic structure.
153. **Advanced Inorganic Chemistry.** Spring. M. W. F., 10:30. Three hours credit. Bryner.  
A systematic study of the chief classes of inorganic compounds such as: oxides, acids, bases, hydrides, chlorides, sulphides, carbides, silicides, borides, intermetallic compounds, and theories of complex compounds.
163. **Advanced Quantitative Analysis.** Autumn, Winter, or Spring. One to ten hours credit according to work done.  
The analysis of typical minerals. Includes silicates. Written reports.
166. **Special Methods of Chemical Analysis.** Time to be arranged. Two hours credit. Prerequisites: Chemistry 10, 11, 12 or 62. Maw and Wing.  
a. Water analysis.  
b. Electrolytic analysis.  
c. Assaying. Lectures and laboratory practice. Assays of gold, silver, copper, and lead are made.  
d. Iron and Steel Analysis.  
e. Food Analysis.  
f. Agricultural Analysis.
167. **Micro-Chemical Analysis.** Winter. Time to be arranged. Three hours credit.  
Training in the essential manipulative technique for qualitative and quantitative determinations by micro-chemical methods.
171. **Qualitative Organic Analysis.** Autumn. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw and Johansen.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

172. Quantitative Organic Analysis. Spring. Two three-hour laboratory periods. One lecture. Time to be arranged. Three hours credit.

Quantitative analysis of organic compounds. Combustion methods.

173. Organic Preparations. Spring. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw and Johansen.

174. Theoretical Organic Chemistry. Spring. Two lectures. Time to be arranged. Two hours credit. Johanson.

This course deals with fundamental theories of Organic Chemistry.

176. Biochemistry. For detailed description see 76.

179. Zymo-Chemistry. Winter. Lectures, M. W. F., 10:30. Laboratory time to be arranged. Four hours credit. Bryner.

Chemistry of fermentations with special reference to the production of chemicals and industrial materials from agricultural products. Prerequisites: Chemistry 71 and Bacteriology 21.

- 181, 182, 183. Advanced Physical Chemistry. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Bryner.

The more important phases of physical chemistry from the standpoint of thermodynamics. Autumn quarter includes gases, solutions, and solids. Winter: thermochemistry and phase rule. Spring: free energy and electrochemistry. Prerequisites: 81, 82, 83.

- 190, 191, 192. Seminar. See Chemistry 90, 91, 92.

197. Research. Special problems. Time and credit to be arranged. Staff.

200. Thesis. Time and credit to be arranged.

## COMMERCE

### ACCOUNTING AND BUSINESS ADMINISTRATION

*Professors Hoyt, Clark, Poulson, Lambert; Mr. Pond, Mr. Taylor*

Students majoring in this department are required to take courses 2, 35, 51, and 74.

### Lower Division Courses

1. Elementary Accounting. Autumn and Winter. Daily. Autumn, Sec. I, 10:30. Sec. II, 1:30; Winter, 10:30; Daily

laboratory for all. Sections 1:30 and 2:30, one hour of which is required each day. Five hours credits. Taylor and Pond.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter a business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily Winter, 1:30, Spring 10:30. Daily laboratory for all sections 1:30 and 2:30 one hour of which is required each day. Five hours credit. Taylor and Pond. Continuation of Course 1.
35. **Mathematical Theory of Investment.** Winter, M. W. F., 2:30. Three hours credit. Marshall. (See Mathematics 35.)
36. **Graphical and Statistical Methods.** Spring, M. W. F., 2:30. Three hours credit. Marshall. (See Mathematic 36.)

#### Upper Division Courses

- 50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt.

Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.

55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three credit hours. (Not given this year.) (See Economics 55.)

62. **Business and Industrial Management.** ..Winter. M. W. F., 10:30. Three hours credit. Hoyt.

The organization and planning of business operations for the most effective control and execution. Pre-requisite, Economics 61.

63. **Personnel Management.** Winter. M. W. F., 10:30. Three hours credit.

Principles and technique involved in developing a modern personnel organization for protecting the welfare of employees and promoting effective labor management. Employee selection, training, promotion, and incentives are stressed.

64. **Psychology Applied in Business.** Spring. M. W. Th. F., 8:30. Four hours credit. Poulsen. (See Psychology 64.)
65. **Experiments in Business Psychology.** Winter. Lecture, Th., 2:30, or Spring. Lecture, Th., 1:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulsen and Gibb. (See Psychology 65.)
74. **Principles of Statistics.** Winter, 2:30, M. W. F. Three hours credit. Lambert.  
Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration, and Marketing.
75. **Business Statistics.** Winter and Spring. M. W. F., 10:30. Three hours credit each quarter. Hoyt.  
Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business. Prerequisite; Elementary statistics.
91. **Cost Accounting.** Autumn. M. T. W. F., 8:30. Four hours credit. Hoyt.  
Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense. Prerequisites: Accounting and Business Administration, 50, 51 and 52.
92. **Advanced Cost Accounting.** Winter. M. T. W. F., 8:30. Four hours credit. Hoyt.  
Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 91.
93. **Income Tax Procedure.** Spring. M. W. F., 8:30. Three hours credit. Hoyt.  
Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisite: Accounting and Business Administration, 50, 51, and 52.
94. **Auditing Theory.** Autumn. M. W. F., 2:30. Three hours credit. Hoyt.  
Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisites. Accounting and Business Administration, 50, 51, and 52.

95. **Auditing Practice.** Winter. M. W. F., 2:30. Three hours credit. Hoyt.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers. Prerequisite: Accounting and Business Administration 94.

96. **Advanced Accounting Problems.** Spring. M. T. W. F., 2:30. Four hours credit. Hoyt.

C. P. A. and American Institute of Accountants problems. Prerequisites: Accounting and Business Administration 50, 51, 52. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

### Graduate Courses

101. **Cost Accounting.** (See Accounting and Business Administration 91.)
102. **Advanced Cost Accounting.** (See Accounting and Business Administration 92.)
103. **Income Tax Procedure.** (See Accounting and Business Administration 93.)
104. **Auditing Theory.** (See Accounting and Business Administration 94.)
105. **Auditing Practice.** (See Accounting and Business Administration 95.)
106. **Advanced Accounting Problems.** (See Accounting and Business Administration 96.)
- 111, 112, 113. **Research in Accounting.** Hours and credit to be arranged with instructor.
- 114, 115, 116. **Research in Statistics.** Hours and credit to be arranged with instructor.
- 181, 182, 183. **Seminar in Business Psychology.** One to three hours credit. (See Psychology 181, 182, 183.)

### FINANCE AND BANKING

*Professors Clark, Jensen, Miller, Lambert; Mr. Pond*

### Lower Division Courses

14. **Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 1:30. Three hours credit. Miller.

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

43. Commercial Law. Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 43.)
44. Commercial Law. Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 44.)
45. Commercial Law. Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 45.)

### Upper Division Courses

- 51, 52. Business Finance. Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful. Prerequisites: Economics 1 and 2.

53. Money and Banking. Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. Prerequisites: Economics 1 and 2. (Not given this year.)

54. Investments. Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the various forms and methods of investment. Prerequisite: Finance and Banking 51.

67. Public Finance and Taxation. Spring. M. W. F., 10:30. Three hours credit. Pond. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

### Graduate Courses

101. Research in Business Finance. Winter, Spring. Two to five hours credit. Clark.

111. Public School Finance. Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in

the United States. The stress is placed upon revenue and distribution systems. A course in taxation should precede or parallel this course.

167. **Public Finance.** Spring, M. W. F., 10:30. Three hours credit. Pond. (See Economics 167.)

### MARKETING

*Professors Miller, Hoyt, Elliott, Shaw; Assistant Professors Edgar Jensen, Coffman; Mr. Taylor, Mr. Pond*

Students majoring in this department are required to take Marketing 14, 15, 51, 57, 58, 59, 85, and Accounting 74. Psychology 64 and Economics 94 suggested.

#### Lower Division Courses

6. **Geography of Economic Products.** Spring. Daily, 8:30. Five hours credit. Coffman. (See Geography 6.)
- 14, 15, 16. **Commercial Art.** Autumn, Winter, or Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Art 14, 15, 16.)
32. **Marketing Fruits and Vegetables.** (Not given this year.)

#### Upper Division Courses

51. **Economics of Consumption.** Winter. T. Th., 9:30. Two hours credit. Miller. (See Economics 51.)
54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt. (See Accounting and Business Administration 54.)
56. **Transportation Problems.** Spring. M. T. W. Th., 2:30. Four hours credit. Pond. (See Economics 56.)
57. **Principles of Marketing.** Autumn. M. W. F., 9:30. Three hours credit. Hoyt. Prerequisites: Economics 1 and 2.
58. **Principles of Merchandising.** Winter. Daily, 9:30. Five hours credit. Taylor.

A study of principles and processes involved in marketing through existing retail outlets. Principles of salesmanship are included. Prerequisites: Marketing 57, and Accounting 1. Psychology 64, recommended.

59. **Advertising.** Spring. Daily, 9:30. Laboratory T. Th., 2:30-4:30. Five hours credit. Taylor.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc. Prerequisite: Marketing 14, 15, and 51. Psychology 64 recommended.

62. Textiles. Spring. T. Th., 10:30. Three hours credit each quarter. Elliott. (See Clothing and Textiles 62.)

67. Agricultural Marketing. Winter. M. W. F., 9:30. Three hours credit. Hoyt.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Prerequisites: Economics 1, 2.

81, 82, 83. Commercial Art. Autumn, Winter, and Spring. T. Th., 1:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

85. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Taylor. (Open only to students who have had Marketing 58, and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

#### Graduate Courses

156. Research in Transportation. Spring. M. T. W. Th., 2:30. Four hours credit. Pond.

157. Research in Marketing. Autumn. M. W. F., 8:30. Three hours credit. Hoyt.

158, 159. Research in Merchandising and Advertising. Winter, Spring. Daily, 9:30. Five hours credit. Taylor.

167. Research in Agricultural Marketing. Winter, M. W. F., 8:30. Three hours credit. Hoyt.

185. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Taylor.

200. Thesis.

#### OFFICE PRACTICE

*Professor Holt; Mr. Croft, Miss Waspe, Mr. Sundwall.*

#### Lower Division Courses

11, 12, 13. Shorthand. Autumn, Winter, Spring. Daily, Sec. 1 and Sec. 2, 8:30; Sec. 3, 10:30. Four hours credit each quarter. Waspe and Sundwall.

Theory of writing shorthand according to the Gregg system. Prerequisite for 12 and 13, one quarter of typewriting.

- 14, 15, 16. Shorthand—Dictation and Transcription.** Autumn, Winter, Spring. Daily, Sec. 1, 9:30; Sec. 2, 1:30. Three hours credit each quarter. Waspe and Sundwall.

Thorough review and drill of Gregg theory, brief forms, derivatives, and phrases. Development of speed and accuracy in writing and transcribing various types of dictation. Mechanics of letter-writing. Prerequisite: Shorthand 11, 12, 13 or equivalent.

- 17. Advanced Shorthand.** Spring. Daily, 2:30. Four hours credit. Sundwall.

Rapid dictation and transcription of general business letters, and legal instruments. Preparation for reporting. Prerequisite: Shorthand 11 to 16 inclusive or equivalent or 100-word Gregg certificate or equivalent.

- 21, 22, 23, 24. Typewriting.** Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructors for time. Croft.

Touch typewriting, according to standard methods.

- 25. Secretarial Training.** Autumn, Spring. Three hours credit. T. Th., 2:30 to 4:30; F., 3:30 to 4:30. Waspe.

A finishing course for those who desire to qualify for secretarial positions. Includes training in office organization and etiquette, mechanics of letter-writing, postal information, preparation and usage of commercial forms and legal instruments, filing, etc. Prerequisites: Shorthand speed of 90 words per minute, Typewriting 24 or its equivalent.

- 26. Office Machines.** Autumn, Winter, or Spring. M. T. W. Th., Sec. 1, 1:30; Sec. 2, 2:30; Sec. 3, 3:30. One hour credit. Croft.

Training in the operation of the Burroughs, Comptometer, and Monroe Calculators. It includes addition, subtraction, multiplication, and division. Practical problems are used in the practice work of the class.

- 31. Business English.** Autumn, Winter, or Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

## ECONOMICS

*Professors Miller, Hoyt, Lambert; Assistant Professor Coffman; Mr. Pond, Mr. Taylor.*

The following courses are required for a major in Economics: Economics 1, 2, 14, 74, 94.

### Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 1:30; Sec. 5, 2:30. Winter, two sections, 9:30, 1:30; Spring, one section, 8:30. Daily. Five hours credit each quarter. Miller, Pond, Taylor.  
A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.
2. **Economics—Contemporary Economic Problems.** Winter, Sec. 1, 8:30; Sec. 2, 9:30. Spring, Sec. 3, 9:30. Daily. Five hours credit each quarter. Miller, Pond, Taylor.  
A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems. Prerequisite: Course 1.
14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Spring. M. W. F., 1:30. Three hours credit. Miller.  
Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

### Upper Division Courses

51. **Economics of Consumption.** Winter. T. Th., 10:30. Two hours credit. Miller. (See Marketing 51.)  
A study of those forces underlying and governing consumption. Prerequisite: Economics 1 and 2.
53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (See Finance and Banking 53.) (Not given this year.)
55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three hours credit. Taylor. (See Accounting and Business Administration 55.) (Not given this year.)  
Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field. Prerequisites: Economics 1 and 2.
56. **Transportation Problems.** Spring. M. T. W. Th., 1:30. Four hours credit. Pond.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

- 60. Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller.

The state in relation to labor and social conditions. An intensive study of the legal and economic aspects of modern social security programs and reforms. Foreign experiments in the field will also be studied.

- 61. Labor Problems.** Autumn. M. W. F., 10:30. Three hours credit. Miller.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Contemporary problems in industrial and company unions will be stressed.

- 67. Public Finance and Taxation.** Spring. M. W. F., 10:30. Three hours credit. Pond. (See Finance and Banking 67.)

- 74. Principles of Statistics.** Winter. M. W. F., 2:30. Three hours credit each quarter. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking. Accounting and Business Administration.

- 75. International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

- 94. Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.

Advanced course in economic theory with stress upon production principles and price theory. Prerequisites: Economics 1 and 2.

- 95. Advanced Economics.** Spring. Daily, 8:30. Five hours credit. Lambert.

Continuation of Economics 94, with stress upon price theory and principles of distribution. Prerequisite: Economics 94.

- 99. History of Economic Thought.** Spring. Daily, 2:30. Five hours credit. Miller.

The development of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith, Ricardo, Malthus and Mill.

### Graduate Courses

156. Transportation Problems. Spring. M. T. W. Th., 1:30. Four hours credit. Pond.
160. Social Legislation. Spring. M. W. F., 9:30. Three hours credit. Miller. (See Sociology 191.)
161. Labor Problems. Autumn. M. W. F., 8:30. Three hours credit. Miller.
167. Public Finance. Spring. M. W. F., 10:30. Three hours credit. Pond. (See Finance and Banking 167.)
175. International Economic Problems and Policies. Winter. M. W. F., 2:30. Three hours credit. Miller.
194. Advanced Economics. Winter. Daily, 8:30. Five hours credit. Lambert.  
Advanced course in economic theory with application to present day economic problems. Prerequisites: Economics 1 and 2.
195. Advanced Economics. Spring. Daily, 8:30. Five hours credit. Lambert.  
Advanced course. Prerequisite: Economics 1, 2, and 94.
197. Research. Time and credit to be arranged. Staff.
199. History of Economic Thought. Spring. Daily, 2:30. Five hours credit. Miller.
200. Thesis.

### AGRICULTURAL ECONOMICS

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, 94; Agricultural Economics 30, 37, 61, 81, 82, 91, 92 and 93.

#### Lower Division Courses

30. Principles of Agricultural Economics. Autumn. M. W. F., 8:30. Three hours credit. Pond. Prerequisites: Economics 1 and 2.
32. Marketing Fruits and Vegetables. Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.) (Not given this year.)

#### Upper Division Courses

54. Conservation and Land Utilization. Spring. Three hours credit. Coffman. (See Geography 54.) (Not given this year.)
57. Principles of Marketing. Autumn. M. W. F., 9:30. Three hours credit. Hoyt. (See Marketing 57.)
60. Farm Management. Autumn. M. W. F., 9:30. Three hours credit. Ivins. (See Agronomy 60.)

61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit. Shaw. (See Agronomy 61.)
67. **Agricultural Marketing.** Winter. M. W. F., 9:30. Three hours credit. Hoyt. (See Marketing 67.)
81. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond.  
Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.
82. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor. (Not given this year.)  
A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture. Prerequisite: Agricultural Economics 30.
91. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond. (Not given this year.)  
A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required.
92. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit. Pond.  
A review of the agrarian movements for economic and social reform in America, including recent and current programs for farm relief.
93. **Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Taylor. (See Agronomy 94.)  
The development of agriculture from its beginnings in the Old World to the present time. Historical background of contemporary agricultural problems.

#### Graduate Courses

181. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond.
182. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor.
191. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond. (Not given this year.)
192. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit.
200. **Thesis.**

## EDUCATION

*Professors A. N. Merrill, Poulson, Lambert, Boyle, Peterson; Associate Professors Sudweeks, Law, Lloyd; Assistant Professors Dusenberry, E. M. Jensen, R. Swenson, Woolf, Hollingshead; and Training School Faculties.*

With the approval of the major professor, credit in courses in any of the education departments may be offered to fill major requirements. Education 50 is the required first course in all departments in the College of Education.

### Lower Division Courses

2. Social Education. Winter or Spring. T. Th., 9:30. Two hours credit. Boyle.

An introduction to the principles of educational sociology. A study of education in its sociological aspects. Application of objectives of education. Analysis of culture, morality, health, domestic efficiency, and vocational efficiency. Adjustment of education to the needs of society. Application of social needs to school practice, school administration, and curricula.

3. Story Telling. Autumn. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and education points of view of the best literature available for children.

4. Juvenile Literature. Autumn. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis of selection, appreciation and presentation of the best and most suitable material for the elementary grades.

### Upper Division Course

50. Principles of Education. Autumn or Winter. M. T. W. F., Sections at 9:30 and 2:30. Boyle, Hollingshead and Sudweeks. Four hours credit.

An introductory course in education for high school and grade teachers. The principal topics covered are: the teacher, the teaching and learning processes, organization and administration, recent developments in education, and philosophy of education. This course is a required first course in all departments in education.

## EDUCATIONAL ADMINISTRATION

*Professor Lambert.*

### Upper Division Courses

52. Organization and Administration of Secondary Schools.

**Autumn or Winter.** T. Th., 10:30. Two hours credit. Lambert.

An introduction to the theory and the current practices in organizing and administering secondary schools. Stresses the teacher's relationship to administration. Required for certification in Utah. Should be taken by advanced juniors and seniors prior to or parallel with Secondary Education 54.

- 56. Standard Tests and Testing.** Spring. M. W. F., 9:30. Three hours credit. Sudweeks.

An introduction to the field of tests and examinations in elementary and high schools. Each student will carry out a complete testing project in the University Training School.

- 57. Old and New Type Examinations.** Spring. T. Th., 9:30. Three hours credit. Sudweeks.

The place of the old type examinations and its improvement is considered. The use and the forms of the new type examinations are considered. A sequence to course 56.

- 69. Measurements of High School Teaching.** Spring. M. W. F., 2:30: Three hours credit. Sudweeks.

A study of standard tests now available for high school teaching. How to give and score tests, to interpret results, and plan remedial instruction.

- 73. The Organization and Administration of Public Schools.** Autumn. Daily, 8:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

- 74. Statistical Methods.** Winter. M. W. F., 2:30. Three hours credit. Lambert.

Principles and methods in collection, presentation and analysis of data. Measures of central tendency, dispersion, and simple correlation. For students in education, psychology, business, and social sciences. Assumes competence in algebra. Any training in mathematics, including differential calculus, will be an advantage to the student.

- 75. Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychol-

ogy, in educational psychology, in school organization, and in class-room procedures and theory.

#### ELEMENTARY EDUCATION

*Associate Professor Law.*

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman Year: Sociology 11; Speech 1, 4, or 11; English 1, 2, 3; Library 11; Physical Education 1, 21, 22, Bacteriology; Music 11.

Sophomore Year: Elementary Education 50 and 55, Psychology 51; Art 41, 42 or 43; General Botany; Geography 5 or 52; Zoology 58; Theory of Music 41; History 82.

Junior and Senior Years: Speech 95; Elementary Education 51, 52, 54, 60 or 61, 63. Other upper division courses in Education.

#### Upper Division Courses

51. **Elementary Curriculum and Methods.** Autumn. Daily, 10:30. Five hours credit. Peterson and Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. It must be taken before or parallel with Elementary Education 54. Required for certification. Prerequisites: Fifteen hours of selected work in education.

52. **Elementary Curriculum and Methods.** Winter. Daily, 10:30. Five hours credit. Peterson and Law.

This is a continuation of Elementary Education 51. It should be taken parallel with Elementary Education 54. Required for certification. Prerequisite: Elementary Education 51.

53. **Elementary Curriculum and Methods.** Spring. M. W. F., 10:30. Three hours credit. Peterson and Law. Limited to seniors only.

This course is designed especially for secondary teachers who wish to get some training on the elementary school level. Secondary teachers who qualify also for elementary teaching certificates are required to complete this course. Prerequisites: Fifteen hours in Secondary Education.

54. **Elementary and Kindergarten Training.** Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. 5 hours each quarter. Peterson and Law.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in Elementary Education 51 and 52.

**Prerequisites:** Fifteen hours of selected educational work, including Education 50 and passing of subject matter tests administered by the College of Education.

- 55. School Organization and Administration.** Autumn, Winter or Spring. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It meets state requirements for certification.

- 58. Health Education for Teachers.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Cullimore and Oaks. (See Zoology 58, and Physical Education 1.)

- 60. Measurements in Elementary Education.** Spring. M. W. F., 8:30. Three hours credit. Law and Sudweeks.

A study of standard tests now available for elementary school teaching, involving testing, scoring, interpreting results, and planning remedial instruction.

- 61. First Grade Education.** Spring. M. W. F., 9:30. Three hours credit. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

- 63. School Management and Extra-Instructional Activities.** Winter. T. Th., 8:30. Two hours credit. Law.

A course in the conservation and obtaining of the maximum educational value of every element in school and classroom organization.

- 64. Myths of the World.** Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

- 65. Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 64. Topics of discussion: India and China.

- 66. Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 65. Topics of discussion: Japan, Islands of Bali, Borneo, and the Philippines.

- 75. Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen. (See Ed. Administration 75.)

## SECONDARY EDUCATION

*Professor Merrill.*

## Upper Division Courses

51. **Organization and Administration of Secondary Education.** Autumn or Winter. M. W., 10:30. Two hours credit. Merrill.  
This course emphasizes methods of teaching high school subjects. It should be taken before or parallel with Secondary Education 54.
52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.  
An introduction to the theory and current practices in organizing and administering secondary schools. Stresses the teacher's relationship to the administration. Required for certification in Utah. Should be taken by advanced juniors and seniors prior to or parallel with Secondary Education 54.
54. **Secondary Teaching.** Autumn, Winter, and Spring. Demonstration and consultation. T. Th., 3:30. Practice periods to be arranged. Eight hours credit, four hours in each of two quarters. Merrill, Boyle, Jensen, Woolf and Secondary Training School Faculty.  
This is a course in practice teaching under supervision. Approximately eighty hours of participation and responsible class room teaching will be required. Instruction in special methods for teaching specific subject matter will be given by the critic teacher. Prerequisites: Fifteen hours of selected educational work including Education 50, passing of subject matter tests administered by the College of Education, at least three-fourths of the academic major, and consent of the instructors concerned.
55. **Junior High School.** Spring. M. W. F., 9:30. Three hours credit. Merrill. (Not given this year.)  
This course deals with problems in the organization and special functioning of the junior high school.
63. **Teaching of Agriculture.** Winter. M. W. F., 3:30. Three hours credit. Sudweeks. (See Agronomy 63.)  
A practical course in the application of methods in the teaching of agriculture. To accompany or precede secondary training. Emphasis on Smith-Hughes provisions and standards. Required of teachers of vocational agriculture.

69. **Measurement of High School Teaching.** Spring. M. W. F., 2:30. Three hours. Sudweeks.

A study of standard tests now available for use in high school teaching. Giving and scoring tests, interpreting results, and planning remedial instruction.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle. (See Sociology 71.)

91. **The High School Curriculum.** Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of objectives of the course of study, and of the activity phase of the present high school curriculum.

94. **Educational and Vocational Guidance.** Autumn and Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

95. **The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill. (Not given this year.)

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

#### PHILOSOPHY OF EDUCATION

*Associate Professor Lloyd*

#### Upper Division Courses

51. **History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

A critical study of the contributions of the outstanding educational thinkers from the early Greeks to the present, and an evaluation of the various philosophies. Special emphasis will be given to the writings of twelve significant educators from Plato to Dewey.

52. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.

The rise and development of the American educational

system as it has been effected by changes in American life from the colonial period to the present time.

53. **Education in the Social Order.** Spring. M. T. W. Th., 10:30. Three hours credit. Lloyd.

The school as a social institution, with special emphasis upon its relation to social, economic, and political change. The effect of these changes upon educational practice and philosophy of education.

74. **Rural Sociology.** (See Sociology 53.)

81. **History of Philosophy.** Autumn. M. W. F., 2:30. Three hours credit. R. Swensen.

A history of the rise and development of philosophy in the Greek, Graeco-Roman, medieval, renaissance, eighteenth century, and modern periods. Stress is laid upon an appreciation of the outstanding philosophers of the various schools of thought and their relation to the intellectual trends and problems of the present.

84. **Educational Sociology.** (See Sociology 61.) Swenson.

87. **Methods in Character Education.** Autumn. T. W. Th. F., 1:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

88. **Special Problems in the Development of Personality.** Winter. M. T. W. Th., 2:30. Four hours credit. Lloyd.

A consideration of the problems and special interests of college students as these interests affect the development of character and personality. This course is largely devoted to the method of "creative experience" as a device for character building.

89. **Human Nature and Character.** Spring. M. W. F., 1:30. Three hours credit. Lloyd.

The various factors that are important to an understanding of human nature. Special stress will be given to the nature of the moral life and its dependence upon mental health and wholesome social interaction. (Not given this year.)

90. **Social Ethics.** Spring. M. T. W. Th., 8:30. Four hours credit. Lloyd.

This course deals with ethical theory as applied to our industrial and social problems; the breakdown of Puritan

ethics; individualism, Christian ethics, international good will and world peace.

#### GRADUATE WORK IN EDUCATION

Credit in course 118, Research and Thesis Writing, is required of all candidates for the Master's degree in Education.

Students who plan to complete the requirements for the Master's degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. This adviser will have the chief responsibility of directing the preparation of the thesis. Students are encouraged to project a graduate program around some field of concentration or emphasis.

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

**101-110. Independent Readings in Organization, Administration and Supervision.** Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields in which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

**111. Public School Finance, I.** Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course.

**112. Public School Finance, II.** Winter. Daily, 9:30. Five hours credit. Lambert. (Not given this year.)

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year.

**113. Personnel Problems.** Winter. M. T. W. Th., 2:30. Four hours credit. Lambert. (Not given this year.)

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries.

Given each alternate year. Educational Administration 73 is a prerequisite.

114. **The Work of the School Principal.** Spring. M. T. W. Th., 10:30. Four hours credit. Lambert.

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year.

116. **Planning School Building and Transportation Programs.** Spring. M. T. W. Th., 9:30. Four hours credit. Lambert. (Not given this year.)

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite.

118. **Introduction to Research and Thesis Writing.** Autumn. M. W. F., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all of the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

122. **Problems in Part-Time Education.** Spring. T. Th., 2:30. Two hours credit. Merrill.

This course deals with the methods and the problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis, and course organization.

147. **Research in Secondary Education.** Any quarter. Merrill.

Two or three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

150. **Seminar in Education.** Any quarter. Time arranged. Lambert, Merrill, Lloyd, Law.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

151. **History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

152. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.
153. **Education in the Social Order.** Spring. M. W. F., 10:30. Three hours credit. Lloyd.
154. **Elementary Curriculum and Methods.** Winter. Daily, 10:30. Five hours credit. Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. Elementary Education 51 or its equivalent is a prerequisite.

- 157-159. **Research in Elementary Education.** Any quarter. Two hours credit. Law.

Qualified students may pursue research in the field of elementary education and may receive credit upon the satisfactory completion of a paper embodying the results of such research. Registration by consent of the instructor.

160. **Measurements in Elementary Education.** Spring. M. W. F., 8:30. Three hours credit. Law.

A study of objective and standardized testing in the elementary school. Students in this course will undertake an actual program of testing, scoring, tabulating, interpreting results, and planning remedial instruction with the use of the Training School as a laboratory.

156. **Standard Tests and Testing.** Spring. M. W. F., 9:30. Three hours credit. Sudweeks.

The theory underlying measurement; available standard tests in elementary and high schools. Each student will carry out a complete testing project in the university training school.

169. **Measurement of High School Teaching.** Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

A study of standard tests now available for use in the high school subjects. Scoring tests, interpreting results, and planning remedial teaching.

174. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30; Spring. M. W. Th. F., 9:30. Four hours credit. Poulsom. Prerequisite: Psychology 11. (See Psychology 174.)

175. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb. Prerequisite: Psychology 11. See PhychoLOGY 175.

186. **Recent Trends in Education.** Winter. M. W. F., 1:30. Three hours credit. Lloyd.

Changing philosophies and practices in world education. New approaches to the religious education and adult education movements. The effect of modern social trends upon

curriculum, method and educational control. Includes trends in institutions of higher learning. (Not given this year.)

187. Methods in Character Education. Autumn. 9:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States, and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

190. Social Ethics. Spring. M. T. W. Th., 8:30. Four hours credit.

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics, international goodwill and world peace.

191. Secondary School Curricula. Winter. 9:30. Four hours credit. Merrill.

The theory of the high school curricula. Particular attention is given also to the subject matter and student activities now required of students in the high schools of Utah.

194. Educational and Vocational Guidance. Autumn or Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. The Senior High School. Spring. M. T. W. Th., 8:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

200. The Master's Thesis in Education. Each quarter. Lambert, Merrill, Sudweeks, Lloyd, Law.

Credit of two to five hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalog that contains the requirement of the graduate school. Credit in Education 118 is prerequisite.

### ENGLISH

*Professors Christensen, Reynolds, Holt, Jensen; Associate Professors Rowe, Young; Assistant Professors Carroll, Black; Mr. Stimpson, Mr. Tracy, Mr. Britsch*

#### Scope of Instruction

The English department offers courses in English language,

English literature, American literature, and general and comparative literature. For convenience the courses in general and comparative literature are brought together.

#### Requirements for the Degree of Bachelor of Arts

Students who elect their major in English are required to complete thirty hours of work in English in addition to courses 1, 2, and 3. The following program of study in English is prescribed: courses 71, 72, 73, 74, 75 (four required); courses 83, 84, 85, 86, 88 (one required); courses 81, 95, 97 (one required); course 12 and course 82.

Students may, however, make substitutions as follows: course 60 for 72; 90 for 74; 91 for 75; 24 or 69 for 82; 57 or Journalism 51 or 52 or 53 for 12.

Twenty-four hours in one or more foreign languages are required. Courses in English history and general psychology are strongly recommended. Students inadequately grounded in grammar should take course 11.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department specially recommends the following: 11, 12, 15, 16, 71, 72, 73, 74, 75, 82, 97.

Students making English a minor and desiring the recommendation of the department to take secondary training in English, are required to take an examination in grammar and composition. Satisfactory credit in courses 11 and 12 entitles the student to the recommendation without examination.

#### Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English; they must offer upper division or graduate credit in Old English, Chaucer, Shakespeare, and History of the English Language; they must have, exclusive of thesis credit, at least twenty hours of graduate credit in English; they must write a satisfactory thesis; and they must pass a comprehensive oral examination in the field of English language and literature.

#### Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

#### Lower Division Courses

- a. **English Grammar and Composition.** Autumn. M. W. F., 3:30. No credit.

An elementary course required of freshmen who make an unsatisfactory grade in the English placement test.

1. **Composition and Literature.** Autumn. M. W. F., Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.  
Review of grammar, study of the principles of composition, theme writing, and readings in literature.
2. **Composition and Literature.** Winter. Sections and time the same as in course I. Three hours credit.  
Continuation of course 1.
3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.  
Continuation of course 2.
4. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.  
The substance and style of business English; correctness of diction; business forms and usages.
11. **Advanced English Grammar.** Autumn and Spring. M. T. W. Th., 1:30. Four hours credit. Young.  
Prerequisites: English 1, 2, and 3.
12. **Advanced Rhetoric and Composition.** Autumn. M. W. F., 2:30. Three hours credit. Christensen.  
Long themes, lectures, conferences, and required reading.  
Prerequisites: English 1, 2, and 3.
14. **Classic Myths.** Spring. T. Th., 8:30. Two hours credit. Carroll.  
A study of Greek, Roman, and Teutonic myths with special reference to their literary uses.
15. **Early American Writers.** Autumn. T. Th., 1:30. Two hours credit. Tracy.  
A survey of American literature from Captain John Smith to about 1865.
16. **Later American Writers.** Winter. T. Th., 1:30. Two hours credit. Tracy.  
A survey of American literature from about 1865 to the present century.
17. **Contemporary American Poets.** Autumn. T. Th., 2:30. Two hours credit. Black.  
A study of the principal American poets.
18. **Contemporary American Short Story Writers.** Winter. T. Th., 2:30. Two hours credit. Black.  
A study of the principal American short story writers.
19. **Contemporary American Novelists.** Spring. T. Th., 2:30. Two hours credit. Black.  
A study of the principal American novelists.
20. **Masterpieces of English Literature.** Autumn. T. Th. Sec. 1, 8:30. Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.  
A study of the principal English masterpieces.

21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 8:30, Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.  
A continuation of course 20.
22. **Masterpieces of English Literature.** Spring. T. Th. Sec. 1, 8:30. Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.  
A continuation of course 21.
23. **Contemporary British Literature.** Spring. M. W. F., 9:30. Three hours credit. Rowe.
24. **Shakespeare.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.  
A comprehensive study of Shakespeare's poems and plays.
25. **Emerson.** Spring. T. Th., 1:30. Two hours credit. Tracy.  
A study of the author's poetry and prose.
29. **An Introduction to Literature.** Winter. M. W. F., 10:30. Three hours credit. Christensen.  
An introductory course in the study and appreciation of literature—poetry and prose.  
See General and Comparative Literature, for courses 26, 27, 28; 61, 62, 63, 65, 66, 67, 68.

#### Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 9:30. Three hours credit. Rowe. (See Speech 52.)  
A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.
53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe.  
A study of the principal prose writings of the Romantic Movement.
58. **The New Biography.** Spring. T. Th., 8:30. Two hours credit. Jensen.  
A study of the best recent biographies.
60. **English Drama to 1642.** Spring. M. T. W. Th., 2:30. Four hours credit. Young.  
The beginning and development of English drama, not including Shakespeare, to the closing of the theaters.
71. **Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.
72. **English Literature from 1500-1660.** Winter. M. T. W. Th., 2:30. Four hours credit. Young.
73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. English Literature from 1780-1832. Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.
75. English Literature from 1832-1900. Spring. M. T. W. Th., 10:30. Four hours credit. Reynolds.
81. Chaucer. Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.
82. Shakespeare. Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.  
An intensive and critical study of the principal plays.
83. Milton. Winter. M. W. F., 9:30. Three hours credit. Christensen.  
A study of the author's poetry and prose.
84. Wordsworth. Spring. M. W. F., 10:30. Three hours credit. Rowe.  
The author's theory of poetry and his principal poems will be studied.
85. Tennyson. Winter. M. W. F., 2:30. Three hours credit. Reynolds.  
A study of the author's principal major and minor poems.
86. Browning. Spring. M. W. F., 2:30. Three hours credit. Reynolds.  
A study of the author's principal major and minor poems.
87. Matthew Arnold. Autumn. T. Th., 10:30. Two hours credit. Christensen.  
Study of Arnold's poetry and prose.
88. Samuel Johnson. Winter. M. W. F., 1:30. Three hours credit. Young.  
A study of "Lives of the Poets," "Rasselas," and Boswell's "Life of Johnson."
89. Byron. Winter. T. Th., 9:30. Two hours credit. Rowe.  
A study of the author's principal works.
90. Romantic Poetry. Autumn. M. W. F., 10:30. Three hours credit. Reynolds.  
A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.
91. The Victorian Poets. Autumn. M. W. F., 2:30. Three hours credit. Reynolds.
92. The English Novel. Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen.  
The history of English prose fiction to the beginning of the Victorian Period.

93. **The Modern English Novel.** Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.  
A consideration of the technique of the novel and various phases of life reflected in this form of literature.
94. **The English Essay.** Winter. T. Th., 8:30. Two hours credit. Jensen.  
The origins of the essay, and its development to the present time. (Not given this year.)
95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.  
Old English grammar and reading exercises.
96. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen.  
The entire poem is read in the original. Prerequisite: Course 95. (Not given this year.)
97. **The History of the English Language.** Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.  
An historical and philological study of the language from the Old English period to the present time.
98. **The History of Literary Criticism.** Spring. M. W. F., 10:30. Three hours credit. Christensen.  
A study of critical theories from ancient to modern times.

#### GENERAL AND COMPARATIVE LITERATURE Lower Division Courses

- 26, 27, 28. **Types of World Drama.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Rowe.  
The great plays of the world are studied according to type.

#### Upper Division Courses

61. **Modern European Drama. (Continental.)** Autumn. T. Th., 2:30. Two hours credit. Reynolds.
62. **Modern European Drama. (British.)** Winter. T. Th., 2:30. Two hours credit. Reynolds.
63. **Modern Drama. (American.)** Spring. T. Th., 2:30. Two hours credit. Reynolds.
- 65, 66, 67. **Types of World Literature.** Autumn, Winter, Spring, T. Th., 10:30. Two hours credit each quarter. Carroll.

#### Graduate Courses

160. **English Drama to 1642.** Spring. 1:30. Young.

- 165, 166, 167. **Types of World Literature.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Carroll.
171. **Medieval Literature.** Autumn. 9:30. Four hours credit. Christensen.
172. **English Literature from 1500 to 1660.** Autumn. 2:30. Four hours credit. Young.
173. **English Literature from 1660 to 1780.** Spring. 2:30. Four hours credit. Jensen.
174. **English Literature from 1780 to 1832.** Winter. 10:30. Four hours credit. Rowe.
175. **English Literature from 1832 to 1900.** Spring. 10:30. Four hours credit. Reynolds.
181. **Chaucer.** Winter. 8:30. Four hours credit. Christensen.
182. **Shakespeare.** Spring. 9:30. Four hours credit. Christensen.
183. **Milton.** Winter. 9:30. Three hours credit. Christensen.
184. **Wordsworth.** Spring. 10:30. Three hours credit. Rowe.
185. **Tennyson.** Winter. 2:30. Three hours credit. Reynolds.
186. **Browning.** Spring. 2:30. Three hours credit. Reynolds.
187. **Matthew Arnold.** Autumn. 9:30. Two hours credit. Christensen.
188. **Samuel Johnson.** Winter. 1:30. Three hours credit. Young.
195. **Old English.** Autumn. 8:30. Four hours credit. Christensen.
196. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen. (Not given this year.)
197. **The History of the English Language.** Spring. 8:30. Four hours credit. Christensen.
198. **The History of Literary Criticism.** Spring. 10:30. Three hours credit. Christensen.
200. **Thesis for Master's Degree.** Time and credit to be arranged.

### GEOLOGY AND GEOGRAPHY

*Professors Hansen, Martin, Hales; Assistant Professor Coffman,  
Mr. Dennis*

#### GEOLOGY

Geology 1, or 2, 3, 50, 51, 52, 57, 60, and either 90 and 91 or 70 and 74; Chemistry 4, 5, 6; Physics 41, 42, 43; Mathematics 11, 12; Drawing 6; and Engineering 1, 3 are required of students majoring in Geology. Geology 1 or 2, 3, 51 and either 50, 52 or 60 are required for a minor in Geology. Geography 5, 6, 52, 73 and either Geology 2 or Geography 50, or 51 are required of students minoring in Geography.

**Lower Division Courses**

1. **General Physical Geology.** Autumn, 10:30. Winter, 10:30 and 2:30. Spring, 7:30 and 10:30. Daily. Four hours credit. Four lectures and demonstration periods, and one quiz section. One or two Saturday field trips are required. Coffman, Dennis and Hansen.

A survey of the field of physical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature.

2. **Engineering Geology.** Winter. Lectures, M. W. F., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Five hours credit. Dennis.

The common rock-forming minerals, the common rocks and representative topographic maps will be studied in the laboratory. Prerequisite High School Geology. A course especially suited for majors in Geology, Physics and Chemistry.

3. **Historical Geology.** Autumn and Spring. Lectures M. T. W. Th., 9:30. Laboratory, F., 1:30 to 4:30, and two Saturday field trips. Five hours credit. Hansen.

A study of the history of the earth and the evolution of life forms. Representative fossil forms will be studied in the laboratory.

**Upper Division Courses**

50. **Geology of the United States.** Winter. Daily, 9:30. Five hours credit. Hansen.

A study of the stratigraphy, structure and areal geology of the United States from the geologic maps of representative areas. Prerequisite: Geology 3.

51. **Structural Geology.** Autumn. Daily, 8:30. Five hours credit. Dennis.

A study of rock structures caused by earth movements. Emphasis will be placed upon the solving of structural problems in sedimentary rocks and the primary structures of igneous and metamorphic rocks will be treated with less detail. Prerequisite: Geology 50 and 60.

52. **Field Geology.** Spring. Daily, 2:30. Five hours credit. Hansen.

A course in the practical application of geologic knowledge to the interpretation of field problems. Each student will be required to make a topographic and geologic map of

a small area in the Wasatch or elsewhere near the campus.  
Prerequisites: Geology 51 and Engineering 3.

57. **Soil Geology.** Spring. T. Th., 8:30. Laboratory M., 2:30. Three hours credit. Martin. Prerequisites: Geology 2 and 3; Chemistry 1, and Physics 21. (See Agronomy 57.)
60. **Mineralogy.** Spring. T. Th., 10:30. Laboratory T. Th., 2:30 to 5:30. Four hours credit. Dennis.

A general course in mineralogy. The laboratory will be devoted to crystallography and the identification of the non-silicate minerals by blowpipe analysis. Prerequisites: Chemistry 6 and Geology 2.

61. **Mineral Optics.** Winter. M. W., 2:30 to 5:30. Two hours credit. Dennis.

A study of the principles of mineral identification by means of the petrographic microscope. Prerequisite: Geology 60.

62. **Petrography.** Spring. M. W. 2:30 to 5:30. Two hours credit. Dennis.

A study of the common rocks with the aid of the petrographic microscope. Prerequisite: Geology 61.

63. **Petrology.** Spring. M. W., 2:30 to 5:30 and Saturday field trips. Two hours credit. Dennis. (Not given this year.)

A megascopic study of the common rocks with emphasis upon classification and field identification. Prerequisite: Geology 60.

70. **Invertebrate Paleontology.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisites: Zoology 55 and Geology 3.

71. **Physical Anthropology.** Spring. M. W. F., 10:30. Three hours credit. Hansen. Prerequisite: Geology 3. (Not given this year.)

73. **Sedimentation and Stratigraphy.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisite: Geology 52. (Not given this year.)

74. **Stratigraphy and Fossils of the Wasatch.** Spring. Time to be arranged. Eight hours field or laboratory work. Three hours credit. Hansen. Prerequisite: Geology 71. (Not given this year.)

90. **Ore Deposits.** Autumn. Daily, 8:30. Five hours credit. Dennis.

A study of the geologic occurrence and relationships of the ore minerals. Prerequisite: Geology 51 and 60.

91. **The Non-Metallic Minerals.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51 and 60. (Not given this year.)
92. **Geology of Ground Water.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 51.

### Graduate Courses

- 101, 102, 103. **Research.** Hours and credit to be arranged. Hansen and Dennis. Special problems in the field of Geology will be assigned to students prepared to do original work.
110. **Geology of Utah.** Autumn. T. Th., 2:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hansen. Prerequisite: Geology 51.
151. **Problems in Structural Geology.** Time and credit to be arranged. Dennis. Prerequisite: Geology 51.
152. **Engineering Problems in Geology.** Time and credit to be arranged. Hansen and Dennis. Prerequisite: Geology 51.
160. **Advanced Work in Mineralogy.** Time and credit to be arranged. Dennis. Prerequisite: Geology 61.
175. **Special Problems in Paleontology.** Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.
190. **Special Problems in Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 90.
191. **Special Problems in Non-Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 91.
193. **Ore Deposits of Utah.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 90. (Not given this year.)
196. **Readings in Geology.** Any quarter. One to six hours credit, no more than two hours of which may be taken in any one quarter. Hansen and Dennis.
200. **Thesis Work.** Not more than six hours credit.

### GEOGRAPHY

#### Lower Division Courses

5. **Introductory Geography.** Autumn. Daily, 8:30. Five hours credit. Coffman.  
The elements of the natural environment and the relation of geography to the physical and social sciences. This course will satisfy the laboratory requirement for physical sciences.
6. **Regional-Economic Geography.** Winter. Daily, 8:30. Five

hours credit. Coffman. Prerequisite: Geography 5. (See Marketing 30.)

The geography of world commodities; a survey of the economic activities of the world's political entities from a regional aspect.

7. Advanced Physiography. Spring. Daily, 1:30, and several field trips by arrangement. Five hours credit. Hansen and Coffman. Prerequisites: Geography 5 and Geology 2.
16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 16.)

#### Upper Division Courses

50. Climatology. Spring. M. W. F., 7:30. Three hours credit. Coffman.

Elements, controls and types of climate and their distribution. Also recent thought on climatic regions. Prerequisite: Geography 5 and 6, or 15 hours in natural sciences including agronomy, botany, or meteorology. (Not given this year.)

51. Geography of Commerce and Trade. Spring. T. Th., 1:30. Two hours credit. Coffman. Prerequisite: Geography 6. (Not given this year.)

52. Human Geography. Winter. T. Th., 2:30. Two hours credit. Hansen.

The response man has made to his geographic environment. Prerequisites: Geology 1, or Geography 5.

54. Conservation and Land Utilization. Spring. M. W. F., 7:30. Three hours credit. Coffman. (Not given this year.)

Importance, location, and conservation of our natural resources. Prerequisites: Geography 6 or 15 hours in natural or social science including Agronomy, Botany, or Economics.

55. Geography of North America. Spring. M. W. F., 10:30. Three hours credit. Coffman. Prerequisite: Geography 5 and 6. (Not given this year.)

56. Geography of Latin America. Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

57. Geography of Europe. Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

58. Geography of Asia. Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

60. **The Teaching of Geography.** T. Th., 1:30. Spring. Two hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)
73. **Meteorology.** Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 73.)

### Graduate Courses

- 105, 106, 107. **Research.** Hours and credit to be arranged. Hansen and Coffman.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. **Physiography of Utah.** Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

150. **Special Problems in Climatology.** Time and credit to be arranged. Coffman.

152. **Special Problems in Human Geography.** Time and credit to be arranged. Hansen.

154. **Special Problems in Conservation and Land Utilization.** Time and credit to be arranged. Coffman.

200. **Thesis Work.** Not more than six hours credit.

### HISTORY

*Professors Jensen, Snow; Associate Professor Sperry; Assistant Professor Swenson; Mr. Wilson, Mr. Gaeth.*

#### Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

#### Lower Division Courses

1. **History of Civilization.** Autumn and Spring. Daily, 8:30. Five hours credit. Gaeth.

An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place.

10. **History of England to 1485.** Autumn. M. W. F., 8:30. Three hours credit. Wilson.

Origin and development of the English people and English institutions from earliest times to 1485.

11. History of England, 1485 to 1714. Winter. M. W. F., 8:30. Three hours credit. Wilson.

Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament, 1689-1714.

12. History of England, 1714 to 1937. Spring. M. W. F., 8:30. Three hours credit. Wilson.

Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

20. History of the United States to 1789. Autumn. M. W. F., 2:30. Three hours credit. Wilson.

Problems of discovery, exploration, and colonization; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. History of United States, 1789 to 1861. Winter. M. W. F., 2:30. Three hours credit. Wilson.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. History of United States, 1861 to 1937. Spring. M. W. F., 2:30. Three hours credit. Wilson.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

27. —History of Hispanic America. Autumn. M. W. F., 9:30. Three hours credit. Snow.

A brief survey of the colonial period, and a study of the causes and results of the wars for independence.

28. History of Hispanic America. Winter. M. W. F., 9:30. Three hours credit. Snow.

A study of the struggle for stable governments after independence was gained. The characteristics of special sections will be given consideration.

29. **History of Hispanic America.** Spring. M. W. F., 9:30. Three hours credit. Snow.

In this quarter, careful consideration will be given to inter-American and international relations with special emphasis on the United States and Hispanic American peace and trade pacts.

40. **History of Germany and Central Europe.** Winter. M. W. F., 8:30. Three hours credit. Gaeth.

A study of the history of the development of Germany and Central Europe with particular attention to the post-war period.

#### Upper Division Courses

50. **Early Oriental History.** Autumn. M. W. F., 10:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia; also of the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

54. **Greek History.** Winter. M. W. F., 10:30. Three hours credit. R. B. Swenson.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

57. **Roman History.** Spring. M. W. F., 10:30. Three hours credit. R. B. Swenson.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

62. **Medieval History.** Autumn. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Survey of the period from the disintegration of the Roman Empire to 814. Emphasis will be placed on the development of the Papacy, the growth of Monasticism, the conversion of the barbarians and the significant reign of Charlemagne.

63. **History of Europe, 814-1250.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A study of the social, economic and religious changes implicit in Feudalism, the Crusades, and the rise of cities.

64. Close of the Middle Ages, 1250-1555. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Emphasis in this period will be placed on the rise and growing power of the Third Estate, the Renaissance, the Reformation, and the emergence of monarchial states.

70. History of Europe, 1556-1776. Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

71. Europe, 1776-1878. Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

72. Europe since 1878. Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

75. History of the Peace Conference 1918-1920. Spring. T. Th., 10:30. Two hours credit. Wilson.

A brief comparison with the Congress of Vienna; a review of the pre-peace commitments that affected the proceedings; a discussion of the personnel and work of the Big 10 and Big 4; consequences of the peace.

80. History of the American West. Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

81. History of the West. Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

82. History of the West. Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Missis-

sippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

90. **Constitutional History of England.** Winter. M. W. F., 10:30. Three hours credit. Wilson.

A study of English constitutional development from the Anglo-Saxon period to the present. Attention is given to the origin and evolution of the royal prerogative, the judicial and administrative systems, the growth of Parliament, the development of cabinet responsibility. The aim is to understand the processes which have resulted in the establishment of a constitutional democratic form of monarchy.

95. **American History to 1789.** Autumn. T. Th., 9:30. Two hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. **History of the United States from 1789 to 1865.** Winter. T. Th., 9:30. Two hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation; constitutional theory of secession; constitutional aspects of the war power.

97. **History of the United States since 1865.** Spring. T. Th., 9:30. Two hours credit. Jensen.

Political, economic, and social reconstruction after the Civil War; industrial and economic expansion, the problem of insular possessions; the World War and its after effects; economic depression and the "New Deal."

#### Graduate Courses

110. **History of England, 1066-1485.** A study of the rise of the bourgeoisie and the evolution of Parliamentary supremacy.

111. **History of England, 1485-1714.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.

112. **History of England, 1714-1937.** Expansion and industrialism and the new economic doctrine of laissezfaire.

150. **Early Oriental History.** Problems of ancient civilizations.

- 151, 152, 153. History of Hebrew Civilization.
- 154. Grecian History. A study of important problems dealing with the development of Greek life and culture.
- 157. Roman History. Problems of agrarian reform and Roman imperialism.
- 162. Medieval History. Studies dealing with the Papacy and Monasticism.
- 163. Medieval History. Problems relating to Feudalism, the Crusades, and the rise of cities.
- 164. Medieval History. Emphasis on the Renaissance, the Reformation, rise of the Third Estate, and the rise of monarchial states.
- 170. Modern History. A new science and philosophy of the seventeenth and eighteenth centuries.
- 171. Modern History. The struggle between liberalism and conservatism in the nineteenth century.
- 172. Modern History. Some problems connected with the World War and intricate world relations since then.
- 180. History of the West. The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.
- 181. History of the West. The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.
- 182. History of the West. The history of the Trans-Mississippi West, the Great Basin, etc.
- 190. Constitutional History of England. Emphasis upon fundamental movements connected with English constitutional growth.
- 195. American Constitutional History. Problems involved in the constitutional development of the United States.
- 198. Problems in Historical Research.
- 200. Research for Master's Thesis.

### HOME ECONOMICS

*Professors Warnick, Elliott, Poulson, Larsen; Assistant Professors Barlow, Dixon, Johansen; Miss Billings, Miss Alleman*

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major and minor may be obtained in

**Clothing and Textiles, Foods and Nutrition, Household Administration, and Vocational Home Economics teaching major.**

All freshmen who expect to major in Home Economics are required to take Household Administration 5. All seniors are required to take Household Administration 73. All teaching majors are required to take Household Administration 71 and 72. Foods and Nutrition majors are required to take Chemistry 7, 8 and 9, Bacteriology 21 and 22; and Zoology 25. Clothing and Textile majors are required to take Art 21, 25 and 26, and Chemistry 2 and 3 or 7 and 8. Household Administration majors are required to take Art 21, 28, 29; Physics 11 and Chemistry 2 and 3 or 7 and 8.

#### CLOTHING AND TEXTILES

**Clothing and Textiles 1, 2, 3, 55, 56, 60, 61, 62, 65, 66, and Chemistry 2 and 3 or 7 and 8** are required of all who major in Clothing and Textiles. Other additional hours are elective with the advice of the major professor.

#### Lower Division Courses

**1 or 70. Clothing Selection and Construction.** Autumn. M. T. W. Th., Sec. 1, 8:30. Sec. 2, 2:30. Three hours credit. Billings.

Fundamental principles of clothing selection and construction. Emphasis on the development of skills and the use of commercial patterns. Prerequisite or parallel: Art 21.

**2 or 71. Clothing Design and Construction.** Winter. 8:30 and 2:30 Three hours credit. Billings. Prerequisite 1 or 70.

Design and pattern blocking, with aim to develop freedom in design and modification of patterns.

**3 or 72. Clothing Selection and Construction.** Spring, 8:30 and 2:30. Three hours credit. Billings.

Problems in selection and construction; emphasis on textiles, textures and artistic dress. Prerequisites: 1 and 2; Art 25, 26.

**5. Survey Course in Clothing Construction.** Autumn, Winter, Spring, M. T. W. Th., 10:30. Three hours credit. Billings.

Introducing problems involved in selection and construction of personal clothing.

**10. Dress Appreciation.** Autumn. M. W. F., 1:30. Three hours credit. Billings.

A study of the economic and artistic problems involved in purchase of ready-to-wear clothing; fashion trends, clothing care, etc.

**Upper Division Courses**

50. **Clothing Decoration.** Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Planning and developing simple decorative stitches applicable to household and dress decoration. Articles of clothing applying these stitches will be made.

51. **Applied Decoration.** Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of line, form, and color, in using decorative stitchery, knitting and crocheting on clothing and household articles.

52. **Children's Clothing.** Spring. M. T. W: Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. **Advanced Garment Construction.** Autumn. T. Th., 1:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. **Advanced Garment Construction.** Winter. T. Th., 1:30. Three hours credit. Elliott.

Tailoring technique applied in the construction of coats, suits, and dresses.

57. **Wardrobe Building.** Spring. T. Th., 1:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material.

- 60, 61. **Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabric and factors of quality and cost. Prerequisite: Chemistry 2 and 3 or 7 and 8.

62. **Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott. (See Marketing 62.)

Open to all upper division students. A study of factors involved in the selection and purchasing of clothing, with an evaluation of guides and sources of information for the consumers. Field trips to stores and industries.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume for school entertainment. Prerequisite or parallel: Art 21, 25, 26.

Note: Art Appreciation and General or European History are important background courses.

- 66. Costume Design.** Spring. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume design for general and specific types. Emphasis on original design by use of historic and current source material. Prerequisites: Clothing, 1, 2, 3, 65; Art 21, 25, 26.

#### Graduate Courses

- 160, 161. Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

- 162. Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott.

#### FOODS AND NUTRITION

Foods and Nutrition 10, 11, 12, 50, 53, 54, 55 and 56 are required of all who major in Foods and Nutrition. Other additional hours are elective with the advice of the major professor.

#### Lower Division Courses

- 1. Food Problems in the Home.** Autumn. T. Th., Lecture 2:30-3:30. Three hours credit. Dixon.

For girls not majoring in home economics who desire some experience in planning, preparing and serving balanced, well-cooked family meals. Emphasis will be placed on fundamental principles underlying cooking methods.

- 2. Food Problems in the Home.** Winter. T. Th., Lecture 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 1. Emphasis on family food problems such as marketing, budgeting, management of time, menu planning, etc.

- 3. Food Problems in the Home.** Spring. T. Th., Lecture 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 2. Consideration will be given to social customs in relation to food service, types of party luncheons, catering, etc.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites.

4. Cookery Problems For Men. Autumn. M. W. F. One lecture and two laboratory periods, 7:30-8:30. Two hours credit. Alleman.  
For men desiring experience in simple meal preparation.
5. Elementary Nutrition. Autumn. M. W. F., 8:30. Three hours credit. Dixon.  
The nutritive properties of common foods and the essentials of an adequate diet, with special attention to the diet of students. Open to men and women. Required of minors in Foods and Nutrition.
- 10 or 70. Food Selection, Preparation, and Serving. Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.  
Special attention is given to experimental cookery. A balanced diet with emphasis upon breakfast and dishes suitable to be served at this meal is considered. Prerequisite or parallel, Chemistry 7.
- 11 or 71. Food Selection, Preparation, and Serving. Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.  
Special emphasis on different luncheon dishes. Various types of luncheons are served. Prerequisite: Course 10 and Chemistry 7 and 8.
- 12 or 72. Food Selection. Preparation and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.  
Special emphasis is placed on family table service. Dishes and menus for different types of dinners are studied. Prerequisite. Course 11 and Chemistry 7 and 8.
- 15 or 75. Food Economics. Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Barlow.  
Food purchasing as affected by markets, advertising, brands, and other factors.

#### Upper Division Courses

50. Institutional Management. Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. Dixon.  
Practical laboratory experience in management of school cafeterias, quantity cookery, marketing, cafeteria accounting. Prerequisites or parallel courses, Foods and Nutrition 10, 11, 12, 51. Limited to six students each quarter. Register in the fall.

- 51. Institutional Management and Accounting.** Winter. F., 2:30. One hour credit. Dixon.

Organization and management problems of school cafeterias, high school home economics and hospital dietary departments, including principles and current procedure in accounting and business. Should be taken parallel with foods 50.

- 52. Nutrition of Children.** Spring. M. W. F., 8:30. Three hours credit. Dixon.

Nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child.

- 53. Nutrition.** Autumn. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth. Prerequisites: Chemistry 3, 9, 53 and Foods and Nutrition 10, 11, 12.

- 54. Dietetics.** Winter. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of minerals and their metabolism; vitamins and the deficiency diseases. The food requirements of the family and individual are considered. Prerequisite: Course 53.

- 55. Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.

This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Prerequisite: Courses 53 and 54.

- 56. Seminar in Nutrition.** Winter. Time to be arranged. Two hours credit. T. Th., 10:30. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

- 57. Advanced Problems in Cookery.** Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. (Not given this year.)

- 58. Experimental Animal Nutrition.** Open to seniors and graduates only. Johansen.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

**Graduate Courses**

150. Large Quantity Cooking and Marketing. Autumn, Winter Spring. Daily, 10:30-1:30. Five hours credit. Dixon.
153. Nutrition. Autumn. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.
154. Dietetics. Winter. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.
155. Nutrition in Disease. Spring. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.
156. Seminar in Nutrition. Spring. T. Th., 10:30. Two hours credit. Barlow.

**HOUSEHOLD ADMINISTRATION**

Household Administration 12, 53, 54, 60, 61, 80, 81, 82, or 78 are required of all who major in Home Economics or Household Administration. Other additional hours are elective with the advice of the major professor.

**Lower Division Courses**

1. Household Problems. Autumn. T. Th., 8:30. Two hours credit. E. Warnick.

This course will present the most important problems in the organization and management of the household.

- 5 or 70. Vocational Survey of Field of Home Economics. Autumn. F., 3:30. One hour credit. Warnick.

Vocational opportunities for home economics trained women are investigated and discussed. Required of all major students.

10. Family Health. Winter. T. Th., 8:30. Two hours credit. Dixon.

A consideration of factors underlying health; common communicable diseases and their treatment; home care of the sick.

- 12 or 62. Family Relationships. Spring. M. W. F., 1:30. Three hours credit. E. Warnick.

The modern family, its functions and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Open to men and women.

**Upper Division Courses**

- 52, 53, 54. Interior Decoration.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen. Prerequisites: Art 21, 28, 29. (See Art 91, 92, 93.)
- 60. Home Management.** Spring. M. W. F., 8:30. Three hours credit. E. Warnick.  
The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.
- 61. Economic Problems of the Family.** Winter. M. W. F., 8:30 Three hours credit. E. Warnick.  
A study of the family income and its expenditure. Pre-requisite: Sociology 11 or Economics 1.
- 63. Standardization of Consumer's Goods.** Winter. M. W. F., 10:30. Three hours credit. E. Warnick.  
Considers the position of the consumer-buyer today; the nature of standards and standardization; the process, and present status of standardization.
- 64. Housing Problems of the Modern Family.** Autumn. M. W. F., 8:30. Three hours credit. E. Warnick.  
This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family.
- 65. Equipment.** Spring. M. W. F., 10:30. Three hours credit. Barlow.  
A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use.
- 66. Home Laundry.** Autumn. T. Th., 9:30. Two hours credit. Warnick. (Not given this year.)  
Location of and equipment of the home laundry. Supplies and methods. Treatment of various textiles.
- 71.\* Methods of Teaching Home Economics.** Spring. T: Th., 7:30. Two hours credit. Alleman.  
The historical development, growth; present scope and trend; objectives of home economics education; its organization and relation to the present educational set-up.

\*Household Administration 71, 72, 73 fulfill special methods requirements for a vocational education teaching certificate.

- 72.\* **Methods of Teaching Home Economics.** Autumn. T. Th., 7:30. Two hours credit. Alleman.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management. (Not given this year.)

- 73.\* **Seminar.** Spring. Th., 8:30. One hour credit. For all senior majors. E. Warnick.

78. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 78.)

79. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 79.)

80. **Child Care.** Autumn. M. W. F., 1:30. Three hours credit. E. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. E. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home and nursery school.

82. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. E. Warnick.

#### Graduate Courses

160. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. E. Warnick.

161. **Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. E. Warnick.

164. **Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. E. Warnick.

173. **Seminar.** Spring. Th., 8:30. One credit hour. E. Warnick.

180. **Child Care.** M. W. F., 1:30. Three hours credit. E. Warnick.

181. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. E. Warnick.

182. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. E. Warnick.

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\*Household Administration 71, 72, 73 fulfill special methods requirements for a vocational education teaching certificate.

**HORTICULTURE**

*Professors Shaw and Morris; Assistant Professor Johansen;  
Mr. Smeath*

**Lower Division Courses**

- 1. Principles of Pomology.** Autumn. Daily, 9:30. Five hours credit. Shaw and Smeath.

The principles underlying profitable orchard management and small fruit culture will be studied.

- 2. Truck Crops.** Winter. Daily, 8:30. Five hours credit. (Offered in alternate years; not given this year.)

Fundamental principles underlying the production of vegetable crops.

- 3. Plant Propagation.** Spring. T. Th., 8:30. (Laboratory W., 2:30 to 5:30.) Three hours credit. Smeath.

Sexual and asexual methods in the reproduction of plants will be studied. The use of chemicals, hormones, etc., in the rooting of plants will also be considered.

- 4, 5. Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris.

Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.

- 6. Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (Offered in alternate years; given this year.)

Annual and perennial flowering plants used in landscape design will be studied.

- 8. Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30. (Laboratory 2:30 to 5:30.) Three hours credit. Morris. (Offered in alternate years; not given this year.)

Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.

- 9. Ornamental Woody Plant Materials.** Spring. T. Th., 8:30. (Laboratory 2:30 to 5:30.) Three hours credit. Morris. (Offered in alternate years; not given this year.)

This course is a continuation of Horticulture 8.

- 20. Theory and Practice of Landscape Design.** Spring. T. Th., 9:30. (Laboratory 2:30 to 5:30.) Three hours credit. Morris. (See Landscape Architecture 20.)

- 32. Marketing Fruits and Vegetables.** Winter. M. W. F., 9:30. Three hours credit. Shaw. (Offered in alternate years; not given this year.)

Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis

will be placed upon marketing methods and specific marketing problems.

40. **Weeds.** Autumn. T. Th. Three hours credit. (Laboratory Th., 3:30 to 5:30. Shaw.

The important weeds occurring in Utah and their control. Study will be made of the weed seeds likely to occur in commercial seed.

#### Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Morris. (Offered in alternate years; not given this year.)

Study of origin of species and varieties. Changes and adaptation of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30. (Laboratory F., 2:30 to 5:30.) Two or three hour credit. Shaw.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. **Advanced Pomology.** Autumn. M. W. F., 10:30. Three hours credit. Shaw. (Offered in alternate years; not given this year.)

A technical course based upon plant physiology and morphology as applied to fruit production.

54. **Advanced Truck Crops.** Autumn. M. W. F., 10:30. Three hours credit. Shaw.

A technical course in the taxonomy and morphology of the truck crops.

55. **Orchard Practice.** Spring. Time to be arranged. One hour credit. Smeath.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris.

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America.

60. **Floriculture.** Autumn. M. W. F. Three hours credit. (Not given this year.)

The production of flowers and special reference to home culture and use.

80. **Methods of Research.** Winter. M. W. F., 9:30. Three hours credit. Shaw.

Biometric analysis, field plot technique and organization and prosecution of a thesis.

90. **Plant Chemistry.** Spring. T. Th. F., 1:30. Five hours credit. (Laboratory T. Th., 2:30.) Shaw or Johansen.

This course will deal with the chemistry of plant compounds as well as with their function in plant metabolism.

**91, 92, 93. Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Shaw.

Current horticultural literature will be reviewed. For seniors majoring in horticulture.

**96. Special Problems in Horticulture.** Autumn, Spring, Winter. Credit and subject matter to be arranged. Shaw.

#### Graduate Courses

**102, 103, 104. Research.** Autumn, Winter, Spring. Time and credit to be arranged.

**153. Advanced Pomology.** Autumn. M. W. F., 10:30. Three hours credit. Shaw. (Offered alternate years; not given this year.)

**154. Advanced Truck Crops.** Autumn. M. W. F., 10:30. Three hours credit. Shaw.

**180. Methods of Research.** Winter. M. W. F., 9:30. Three hours credit. Shaw.

**190. Plant Chemistry.** Spring. T. Th. F., 1:30. Five hours credit. Laboratory T. Th., 2:30.

**191, 192, 193. Seminar.** One hour credit each quarter. Shaw. Current Horticultural literature will be reviewed.

**196. Special Problems in Horticulture.** Autumn, Winter or Spring. Credit and subject matter to be arranged. Shaw.

#### JOURNALISM

*Professors H. R. Merrill, Pardoe, J. M. Jensen, Hales; Associate Professor Morley; Assistant Professors Culmsee, E. M. Jenson; Mr. Gaeth, Mr. Smith*

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Courses 1, 6, and 7 which may be taken concurrently with those courses.

Students who elect to major in Journalism must present thirty hours of credit in Journalism and thirty hours in English. The following subjects are required. Journalism 1, 2, 3, 4, 5, 7, 51, 52 or 53, 54, 59, 65.

The following are suggested as minors in Journalism: Accounting and Business Administration, Art, Economics, History, Office Practice, Political Science, Sociology.

All majors in Journalism must be able to operate a typewriter.

#### Lower Division Courses

**1. History of Journalism.** Autumn. T. Th., 10:30. Two hours credit. Merrill.

This course will include a study of the development of

the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. News and Newswriting. Autumn. M. W. F., 8:30. Three hours credit. Smith.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

3. 4. Reporting. Winter, Spring. Time to be arranged. Two hours credit each quarter. Merrill and Smith. Prerequisite: Journalism 2 and consultation with the instructor.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

5. Editing and Makeup. Winter. M. W. F., 2:30. Three hours credit. Jensen. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

6. College Journalism. Autumn. Time to be arranged. One hour credit. Merrill and Smith. Limited to Y News Staff.

7. Ethics of Journalism. Autumn. T. Th., 8:30. Two hours credit. Jensen.

A study of the moral aspects of Journalism—ideals and abuses.

- 14, 15, 16. Commercial Art. Autumn, Winter, Spring. Jensen. (See Art 14, 15, 16.) One to two hours credit each quarter.

21. Problems of Citizenship. Autumn. M. W. F., 1:30. (See Political Science 21.) Two hours credit. Gaeth.

26. Photography. Spring. Lecture T. and Th., 7:30. Laboratory. Time to be arranged. Three hours credit. Hales. (See Physics 26.)

#### Upper Division Courses

51. Editorials and Editorial Writing. Winter. T. Th., 8:30. Two hours credit. Jensen.

A study of the editorial and practice in writing it.

52. Special Feature Articles. Spring. T. Th., 9:30. Two hours credit. Merrill. Prerequisite: Journalism 2, or the permission of the instructor.

A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.

53. Writing for the Magazines. Winter. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the instructor.

This course is designed for those who have some hope of making writing for the press either their vocation or an important avocation. All types of magazine materials and markets will be studied.

54. **Book Reviewing.** Autumn. T. Th., 9:30. Two hours credit. Jensen. Prerequisite: Journalism 2 or 3, or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

57. **Short-Story Writing.** Autumn. T. Th., 9:30, Two hours credit. Merrill.

In this course, the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3.

58. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff. (See Speech 58.)

59. **Advertising.** Spring. Four hours credit. (See Marketing 59.)

Arrangements for Journalism majors to enter this course must be made through the Department of Journalism.

60. **Problems of the Weekly Paper.** Spring. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.

A study of the country weekly, its place in American life, and its possibilities.

- 61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. Two to four hours credit each quarter. Jensen. (See Art 61, 62, 63.)

65. **Technique of Publicity.** Spring. T. Th., 8:30. Two hours credit. Smith. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing.

87. **Teaching of Journalism.** Spring. T. Th., 3:30. Two hours credit. Merrill. (Not given this year.)

This course is designed for English and Journalism majors who expect to teach in high school. It will include problems of supervision. Prerequisite: Journalism 2 or 4.

- 97, 98, 99. **Recent Social Trends.** (See Sociology 97, 98, 99.) Two hours credit each quarter.

## LANDSCAPE ARCHITECTURE

*Professors Morris, Shaw; Assistant Professor Snell.*

### Lower Division Courses

1. **History of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

2. Elements of Drawing. Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)
3. Plant Propagation. Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw. (See Horticulture 3.)
- 4, 5. Ornamental Herbaceous Plant Materials. Autumn and Winter. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.)
6. Ornamental Herbaceous Plant Materials. Spring. T. Th., 1:30. Two hours credit. Morris. (See Horticulture 6.)
- 8, 9. Trees and Shrubs. Autumn and Spring. T. Th., 8:30. Laboratory T., 2:30-5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.) (Not given this year.)
10. Landscape Architectural Drawing. Autumn. T. Th., 2:30-5:30. Two hours credit. Morris.

The pictorial representation of landscape features, including perspective, light and shade and lettering.

20. Theory and Practice of Landscape Architecture. Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Morris.

A general course for students not majoring in landscape architecture. Home grounds are the chief consideration of the course.

21. Theory of Design. Autumn. M. W. F., 8:30. Three hours credit. Morris.

Principles of design and composition as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape architecture.

24. Landscape Design. Winter. M. W. F., 2:30-5:30. Three hours credit. Morris.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. Prerequisites: courses 10 and 21.

25. Landscape Design. Spring. M. W. F. Three hours credit. Morris.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

#### Upper Division Courses

- 51, 52. Planting Design. Winter, Spring, Th. F., 2:30-5:30. Two hours credit each quarter. Morris.

Planting plans for gardens and grounds studied in 24, 25 will be made. Plant compositions emphasized. Prerequisites: courses 4, 5, 6, 8, 9, 24 and 25.

53. **City Planning.** Winter. T. Th., 10:30. Two hours credit. Morris.

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C., and Paris. The small city studied.

- 60, 61, 62. **Architectural Design.** Autumn, Winter, Spring. T., 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and made by students. Pergolas, arbors, retaining walls, garden houses, etc.

- 70 and 71. **Landscape Engineering.** Autumn and Winter. T Th., 9:30. Laboratory Th., 2:30-5:30. Three hours credit. Morris.

Grades and grading as applied to land surfaces, road construction and drainage; also construction of architectural features. Prerequisite: Surveying 1, and courses 10 and 21.

- 80, 81, 82. **Advanced Landscape Design.** Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features studied. Units of design will largely be determined by landshapes and surfaces. Prerequisites: Courses 21, 24, 25, 70, and 71.

90. **Modeling.** Winter. T. W. Th., 9:30. One hour credit. Morris.

Landscape units modeled in miniature with plastelene, artificial trees, shrubs, grass, etc. This is a means of visualizing landscape compositions and topography.

#### Graduate Courses

101. **Special Problems in Design.** Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design.

- 151, 152. **Planting Design.**

170. **Landscape Engineering.**

- 180, 181, 182. **Advanced Landscape Design.**

#### LIBRARY

*Miss Ollerton, Mrs. Brown, Miss Rich.*

11. **Use of Books and Libraries.** Autumn, Winter or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

## MATHEMATICS

*Professors Marshall, Hales; Mr. Allred.*

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 71.

### Lower Division Courses

11. **College Algebra.** Autumn. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Allred.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. **Plane Trigonometry.** Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Allred.

13. **Analytic Geometry.** Spring. Daily, 8:30. Five hours credit. Allred.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc.  
Prerequisites: Mathematics 11 and 12.

34. **Commercial Algebra.** Autumn. M. W. F., 2:30. Three hours credit. Marshall.

A review and drill in the essentials of algebra and the application of it to commercial problems.

35. **Mathematical Theory of Investments.** Winter. M. W. F., 2:30. Three hours credit. Marshall. (See Accounting and Business Administration 35.)

Application of algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values, and building and loan associations.

36. **Graphical and Statistical Methods.** Spring. M. W. F., 2:30. Three hours credit. Marshall. (See Accounting and Business Administration 36.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

### Upper Division Courses

50. **Differential Calculus.** Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 13.

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics, and physics.

52. **Advanced Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

71. **Differential Equations.** Autumn. Daily, 2:30. Five hours credit. Marshall.

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

81. **Theoretical Mechanics.** Winter. Daily 8:30. Five hours credit. Hales.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

#### Graduate Courses

101. **Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. **Vector Analysis.** Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. **Advanced Calculus.** Autumn. Daily, 2:30. Five hours credit. Marshall. (Not given this year.)

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. **Advanced Calculus.** Winter. Daily, 2:30. Five hours credit. Marshall. (Not given this year.)

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

- 107. Advanced Calculus.** Spring. Daily, 2:30. Five hours credit. Marshall. (Not given this year.)

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

**Note:** Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

- 171. Differential Equations.** Autumn. Daily, 9:30. Five hours credit. Marshall.

- 192. Readings in Mathematics.** Credit, one to three hours, depending on the work done. Marshall.

- 200. Thesis in Mathematics.** Credit to be arranged.

### MECHANIC ARTS

*Assistant Professor Snell; Mr. Bigelow; Professors Hansen, Larsen.*

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

#### MECHANICS

##### Lower Division Courses

1. Art Metal Work... Winter. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
2. Art Leather Work. Spring. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
4. Shop Practice. Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. Ornamental Iron Work. Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. General Construction. Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. Daily, 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

27. Cabinet Construction. Autumn. Daily or M. W. F., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell. Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.
28. Cabinet Construction. Winter. Daily or M. W. F. Snell. Continuation of 27.
29. Cabinet Construction. Spring. Daily or M. W. F., 1:30-3:30. Snell. Continuation of 28.

#### Upper Division Courses

51. Ignition. Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.  
Battery and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.
52. Generators and Starting Motors. Winter. Hours and credits as in 51. Bigelow.  
The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.
53. Machine Work and Welding. Spring. Hours and credit the same as in 51. Bigelow.  
Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.
57. Standard Construction Methods. Autumn. M. W. F., 8:30. Three hours credit. Snell.  
This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.
58. Carpentry. Autumn, Winter, Spring. Daily, 3:30-5:30. Three hours credit. Snell.  
Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging of doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.
59. Estimating. Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

- 64. Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

- 65, 66, 67. Shop Work.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work. Prerequisites: Courses 57, 58, 59, or their equivalents.

#### DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

#### Lower Division Courses

- 1. Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Art 21.)

- 2. Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings.

- 3. Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

- 4. Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

- 5. Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 8.

10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Planned to give fundamental knowledge necessary for casting shadows in architectural design.

11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

The theory and application of methods of drawing architectural perspectives.

12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Wash rendering practice plates and rendering of architectural elements.

13. **Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.

14. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 13.

15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 14.

- 16, 17, 18. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.

A series of order problems involving the study of the principles of composition. Problems similar to Class B

Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

- 19. Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes.

#### Upper Division Courses

- 51, 52, 53. Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blue-printing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

#### ENGINEERING

Drawing 4, 5, 6, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

#### Lower Division Courses

- 1, 3. Elementary Surveying.** Autumn and Spring. M. W. F., 3:30. Three hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computation, and platting.

#### Upper Division Courses

- 63. Geology of Ground Water.** Daily, 8:30. Five hours credit. (See Geology 92.) Dennis.

#### MODERN AND CLASSICAL LANGUAGES

*Professors Cummings, De Jong; Associate Professor Sperry; Assistant Professors Swensen, Black; Mrs. Roberts, Miss Osmond, Mr. Broadbent, Mr. Richardson, Mr. Lee.*

The department offers in French, Spanish and German programs leading to a teaching minor and a teaching major; and, in French and German, graduate programs leading to a Master of Arts degree. Students specializing in this field are advised to offer two units of high school work in the chosen language. Graduate majors are advised to offer Latin.

For a minor the following program is required if the department's recommendation for teaching is desired: Courses

1-3 (or two units of high school work in the language), 51-53, 54-56, 61-63, and Phonetics 42.

For a major the following program is required: All the courses required for a minor, and in addition courses 73-75. English 29 recommended.

For a Master of Arts degree in French or German, 40 hours of undergraduate work in the language is prerequisite. The following requirements are made: 1. The passing of a qualifying examination in the language and literature to be studied as well as in the field of general culture. 2. The satisfactory completion of 24 hours of work in the chosen language. 3. A final written examination on this work. 4. The oral examination given under the direction of the Graduate School. 5. Courses covering the general field of the literature and elementary philology. 6. A satisfactory thesis either in the field of philology or of literature.

#### FRENCH

##### Lower Division Courses

- 1, 2, 3. First Year French.** Autumn, Winter, Spring. Daily, 8:30, Lee; 9:30, Osmond; and 1:30, Roberts. Five hours credit each quarter.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar and the building of a substantial reading vocabulary.

##### Upper Division Courses

- 51, 52, 53. Second Year French Grammar and Composition.** Autumn, Winter, Spring. M. W. F., 9:30. Two hours credit each quarter. Roberts.

Review of grammar. Conversation and composition. Prerequisite: French 3 or two units of French in high school.

- 54, 55, 56. Second Year French Reading.** Autumn, Winter, Spring. M. W. F., 9:30, Roberts; 2:30 Cummings. Three hours credit each quarter.

The various language skills, viz., reading, understanding, speaking and grammar. Reading both intensive and extensive. Prerequisite: French 1, 2, 3, or two units of French in high school.

- 61, 62, 63. Third Year French Composition and Conversation.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of French or the consent of the instructor. (Not given this year.)

- 64, 65, 66. Third Year French Reading.** Autumn, Winter, Spring. T. Th., 2:30. Three hours credit each quarter. Cummings.

Basic texts for intensive classroom study and an abundance of reading from standard French literature to be done outside the class and reported. Prerequisite: At least 24 hours credit or equivalent of French.

- 73, 74, 75. **Introduction to French Literature and Culture.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit. Roberts.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisites: Thirty hours of French or the consent of the instructor. (Not given this year.)

- 81, 82, 83. **Fourth Year French Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings. (Not given this year.)

Problems of French pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the French language.

#### Graduate Courses

145. **French Romanticism.** Winter. T. Th., 3:30. Three hours credit. Roberts.
153. **Voltaire.** Spring. T. Th., 11:30. Three hours credit. Osmond.
155. **Victor Hugo.** Spring. T. Th., 3:30. Three hours credit. Roberts.
161. **French Classical Drama.** Autumn. T. Th., 3:30. Three hours credit. Roberts.
164. **French Drama from 1800 to the Present.** Autumn. T. Th., 3:30. Three hours credit. Cummings. (Not given this year.)
167. **French Novel from 1800 to the Present.** Winter. T. Th., 3:30. Three hours credit. Cummings. (Not given this year.)
171. **Old French Literature.** Autumn. T. Th., 11:30. Three hours credit. Osmond.
172. **French Literature of the Renaissance.** Winter. T. Th., 11:30. Three hours credit. Osmond.
- 173, 174, 175. **French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries.** Autumn, Winter, Spring. M. W. F., 10:30, 3:30. Three hours credit each quarter. Roberts.
- 181, 182, 183. **Fourth Year French Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings. (Not given this year.)
191. **Introduction to the Science of Language.** Spring. M. W. F., 3:30. Three hours credit. Cummings.
192. **Introduction to Romance Philology.** Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
193. **Introduction to Old French.** Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

194. Historical French Grammar. Winter. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
195. History of the French Language. Spring. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
197. French Phonetics. Winter. M. W. F., 3:30. Three hours credit. Cummings.

### SPANISH

#### Lower Division Courses

- 1, 2, 3. First Year Spanish. Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Richardson.

Designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

#### Upper Division Courses

- 51, 52, 53.—Second Year Spanish Grammar and Composition. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Richardson.

Review of grammar. Composition and conversation. Prerequisite: Spanish 3 or two units in high school.

- 54, 55, 56. Second Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Richardson.

The various language skills, viz., reading, understanding, speaking, grammar. Reading intensive and extensive. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

- 61, 62, 63. Third Year Spanish Composition and Conversation. Autumn, Winter, Spring. T. Th., 3:30. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of Spanish.

- 64, 65, 66. Third Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Osmond. (Not given this year.)

Basic texts for intensive classroom study and an abundance of reading from standard Spanish literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent of Spanish.

### ITALIAN

#### Lower Division Courses

- 1, 2, 3. Elementary Italian. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading. (Not given this year.)

#### GERMAN

##### Lower Division Courses

- 1, 2, 3. First Year German.** Autumn, Winter, Spring. Daily, Sec. 1, 8:30, Broadbent; Sec. 2, 9:30, De Jong, and Sec. 3, 1:30, Osmond. Five hours credit each quarter.

Designed for those who have had no German. Pronunciation, reading, and the fundamentals of grammar, the building up of a substantial reading vocabulary.

##### Upper Division Courses

- 51, 52, 53. Second Year German Grammar and Composition.** Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. De Jong.

Review of grammar. Composition and conversation. Prerequisite: German 3 or two units of German in high school.

- 54, 55, 56. Second Year German Reading.** Autumn, Winter, Spring. M. W. F., Sec. 1, 8:30, Osmond; and Sec. 2, 2:30, Broadbent. Three hours credit each quarter.

Comprehensive study of grammar. Conversation and composition. Reading from the general field. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

- 61, 62, 63. Third Year German Composition and Conversation** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor.

- 64, 65, 66. Third Year German Reading.** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. De Jong.

Basic texts for intensive classroom study and an abundance of reading from standard German literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent.

- 73, 74, 75. Introduction to German Literature and Culture.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit. De Jong. (Not given this year.)

A general view of the literary periods, movements, and social background, with representative readings. Prerequisite: Thirty hours of German or the consent of the instructor.

- 81, 82, 83. **Fourth Year German Composition.** Winter, Spring.  
T. Th., 1:30. Three hours credit. De Jong. (Not given this year.)

#### Graduate Courses

- 111, 112, 113. **Gothic.** Autumn, Winter, Spring. T. Th., 3:30.  
Two hours credit each quarter. De Jong.

Introduction to the study of Gothic. General introduction to Germanic Philology. Reading from the Gothic Bible.

- 114, 115, 116. **Middle High German.** Autumn, Winter, Spring.  
Time to be arranged. Two hours credit each quarter. De Jong. (Not given this year.)

Reading of selected Middle High German texts.

- 121, 122, 123. **German Novel from 1800 to the Present.** Two  
hours credit each quarter. De Jong. (Not given this year.)

- 131, 132, 133. **German Drama from 1800 to the Present.** Two  
hours credit each quarter. De Jong. (Not given this year.)

141. **Lessing.** Autumn. M. W., 4:30. Two hours credit. De Jong.

142. **Schiller.** Winter. M. W., 4:30. Two hours credit. De Jong.

143. **Goethe.** Spring. M. W., 4:30. Two hours credit. De Jong.

144. **Kleist and Grillparzer.** Autumn. M., 4:30. Two hours credit.  
De Jong. (Not given this year.)

145. **Hebbel and Ludwig.** Winter. M., 4:30. Two hours credit.  
De Jong. (Not given this year.)

146. **Hauptmann and Sudermann.** Spring. M., 4:30. Two hours  
credit. De Jong. (Not given this year.)

- 173, 174, 175. **History of German Literature.** Autumn, Winter,  
Spring. M. W. F., 3:30. Two hours credit each quarter.  
De Jong.

- 181, 182, 183. **Fourth Year German Composition.** Winter. Spring.  
T. Th., 1:30. Two hours credit. De Jong.

191. **Introduction to the Science of Language.** Spring. M. W. F.,  
3:30: Three hours credit. Cummings.

200. **Research for Master's Thesis.**

#### LATIN

#### Lower Division Courses

- 1, 2, 3. **First Year Latin.** Autumn, Winter, Spring. Daily,  
8:30. Five hours credit each quarter. Black.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

### Upper Division Courses

- 54, 55, 56. Advanced Latin.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Black. (Not given this year.)

Comprehensive study of grammar. Composition. Reading from the classics. Prerequisite: Latin 3 or two units of Latin in high school.

### GREEK

#### Lower Division Courses

- 1, 2, 3. First Year Greek.** Autumn, Winter, Spring. M. W. F. 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Readings in the Greek New Testament. Hellenistic culture and its literary productions.

#### Upper Division Courses

- 54, 55, 56. Second Year Greek.** Autumn, Winter, Spring. M. W. F., Three hours credit each quarter. Swensen.

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the classical and Hellenistic literary and grammatical forms. Prerequisites: Greek, 1, 2, 3, or the equivalent.

### HEBREW

#### Upper Division Courses

- 51, 52, 53. First Year Hebrew.** Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

A beginning course. The elements of Hebrew grammar. Translation and simple composition.

- 54, 55, 56. Second Year Hebrew.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from the books of Genesis, Deuteronomy, Samuel and Kings.

- 64, 65, 66. Third Year Hebrew Reading.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Sperry.

Selected readings from Hebrew literature.

### Graduate Courses

- 151, 152, 153.** Beginning Hebrew. Autumn, Winter, Spring, Daily, 1:30. Five hours credit each quarter. Sperry.

The fundamentals of Hebrew grammar. Exercises in reading, translation and simple composition leading to ability to make clear interpretation of texts.

- 157, 158, 159.** Readings from Hebrew Prophetic and Wisdom Books. Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

### PHONETICS

#### Lower Division Course

- 42.** Practical Phonetics. Autumn, or Winter. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

### MUSIC

*Professors Jepperson-Madsen, Robertson, Madsen, De Jong, Sauer; Assistant Professor Hanson; Mr. Halliday, Miss Summerhays, Mr. Condie, Mr. Buggert, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Keeler*

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 71, 72, 73; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 41; and 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

### THEORY OF MUSIC

#### Lower Division Courses

- 11, 12, 13.** Solfeggio. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Summerhays.

The study of notation, intervals, diction, and sight-singing.

- 21, 22, 23. Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

- 31, 32, 33. Philosophy and Appreciation of Music.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

- 41. Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

#### Upper Division Courses

- 61, 62, 63. Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Summerhays.

Prerequisite: Theory of Music 13. Training in advanced sight singing.

- 71, 72, 73. Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony, form and analysis.

- 81, 82, 83. History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Medieval and modern music.

- 91. High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54.

- 92, 93. Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

- 94. Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 93.

- 95. Instrumentation.** Winter. T. Th. Two hours credit. Sauer.  
 A practical course for high school teachers and supervisors in arranging for band and orchestra.
- 96, 97, 98. Orchestra and Band Instruments.** Autumn, Winter, Spring. One or two hours credit each quarter. Sauer, Buggert.  
 For music majors in their junior or senior years. Practical experience with string, woodwind, and brass instruments for prospective high school music teachers.

### Graduate Courses

- 121, 122, 123. Counterpoint.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen.  
 Strict and free counterpoint in the various species. Modal counterpoint. Prerequisite: Theory of Music 73.
- 124, 125, 126. Canon and Fugue.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisite: Theory of Music 123.
- 127, 128, 129. Instrumentation.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson.  
 Study of orchestra instruments; arranging for chamber combinations, string and symphony orchestra. Prerequisite: Theory of Music 73.
- 163. Harmony.** Spring. Three hours credit. Halliday. Prerequisite: Theory of Music 73. An intensive study of modulation. (Not given this year.)
- 181, 182, 183. Composition.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 73 and 123.
- 200. Research for Master's Thesis.** Credit to be arranged.

### INSTRUMENTAL MUSIC

#### Lower Division Courses

- 1, 2, 3; 4, 5, 6. Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.  
 Admission by consent of director.
- 7, 8, 9; 10, 11, 12. Orchestra.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.  
 Admission by consent of director.
- 13, 14, 15; 16, 17, 18. String Ensemble.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Buggert.
- 19, 20, 21; 22, 23, 24. Band Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

1, 2, 3; 4, 5, 6p-p. Piano. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

7, 8, 9p-p. Piano Ensemble. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

The fundamentals of ensemble playing. Four, six, and eight hand arrangements.

10p-p. Piano Pedagogy. Any quarter. One hour credit. Nelson, Hanson, Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3; 4, 5, 6v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

1, 2, 3; 4, 5, 6c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. Baritone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba.) Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter, Sauer.

1, 2, 3d-p Drums and Timpani. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. French Horn. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ. Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.

1, 2, 3; 4, 5, 6s-p. Saxophone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

1, 2, 3; 4, 5, 6t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

21, 22, 23; 24, 25, 26v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

**Upper Division Courses**

- 51, 52, 53; 54, 55, 56. Concert Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.  
Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.
- 57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.  
Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.
- 51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.
- 63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.
- 69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.
- 51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong, Keeler.
- 61, 62, 63, 64, 65, 66s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.
- 63p-p. Piano Pedagogy. Spring. One hour credit. Nelson.  
Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.
- 51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

**Graduate Courses**

- 101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.  
Advanced instruction on any of the standard instruments.

**VOCAL MUSIC****Lower Division Courses**

- 1, 2, 3; 4, 5, 6-p.** Vocal Culture. Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.
- 13, 14, 15; 16, 17, 18.** Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen. Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 13, 14, 15; 16, 17, 18.** Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen. Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 21, 22, 23, 24, 25, 26.** Concert and Opera Chorus. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.
- 42. Phonetics.** Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong. (See Phonetics 42 in Department of Modern and Classical Languages.)

**Upper Division Courses**

- 51, 52, 53; 54, 55, 56-p.** Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.
- 63, 64, 65; 66, 67, 68.** Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen. Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.
- 63, 64, 65; 66, 67, 68.** Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen. Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.
- 71, 72, 73, 74, 75, 76.** Concert and Opera Chorus. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.

**Graduate Courses**

- 111, 112, 113-p.** Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter. Advanced instruction in vocal culture.

**PHYSICAL EDUCATION**

*Professor Hart; Associate Professors Kimball, Jeppson; Dr. Cullimore, Dr. Oaks; Assistant Professor Holbrook; Mr. Dixon, Miss Burton, Miss Ballif, Mr. Millet, Mr. Crowton*

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take Physical Education 1, 4, 5, and 6.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students using the towel service are required to make a 25 cent deposit by purchasing a towel check. The towel check is exchangeable for towel service during regular school hours. Towel checks are redeemable at any time.

Students registered for physical education activity courses are required to provide themselves with the official uniform which may be purchased at the University book store. Also they are required to provide themselves with basket locker and approved combination padlock.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

Men students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required activity courses in physical education. An activity may be thus substituted but once.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71; Art 21, 25, 26; Botany 3, Edu-

cation 64, 65, 66; Mechanic Arts 1, 2; Physics 16, 26; Religious Education 74; Speech 1, 2, 72.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education for Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

#### **Major and Minor Requirements in Physical Education**

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 and 65, Psychology 11, 51, or 74, Bacteriology 21, Sociology 11 or 61, Physics 11, Foods and Nutrition 5, and for those who wish to qualify for a teacher's certificate such courses in Secondary Education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

##### **In the Men's Department:**

###### **Major requirements:**

Physical Education 7, 8, 9.

Physical Education 51, 52, 53.

Physical Education 71 or 73.

Physical Education 88, 90, 91, 92.

Physical Education 93, 94, 95, 96.

###### **Minor requirements:**

Physical Education 7, 8, 9.

Physical Education 51 or 52 or 53.

Physical Education 71 or 73.

Physical Education 90, 91, 92, 93, 96.

##### **In the Women's Department:**

###### **Major requirements:**

Physical Education 7, 8, 9.

Physical Education 26, 27, 28 (one quarter).

Physical Education 54, 55, 56.

Physical Education 61, 62 or 63, 65.

Physical Education 71 or 73.

Physical Education 88, 90, 91, 92.

Physical Education 93, 94, 95, 96.

###### **Minor requirements:**

Physical Education 7, 8, 9.

Physical Education 26, 27, 28 (one quarter).

Physical Education 42.

Physical Education 54, 55, 56 (any two quarters).

Physical Education 61, 62, 63 (any two quarters).

Physical Education 73, 90, 91, 93.

**Lower Division Courses**

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

- 4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30, (Tumbling) 10:30; 1:30 (Boxing); 2:30; 3:30.

These courses will include games, and a variety of athletic and gymnastic activities, and are required of all freshmen.

7. **Autumn Activities.** (Men) Autumn. T. Th., 9:30-11:30. One hour credit. Staff.

This course plans a development of fundamental skills in soccer, touch football, speed ball, badminton, quoitennis.

8. **Winter Activities.** (Men) Winter. T. Th., 9:30-11:30. One hour credit. Staff.

Technique and skill will be developed in the following activities: volley ball, tumbling, horizontal and parallel bars, the horse, and the flying rings.

9. **Spring Activities.** (Men) Spring. T. Th., 9:30-11:30. One hour credit. Staff.

Emphasis will be placed on knowledge of rules and techniques and the development of skills in certain gymnastic games, softball, horseshoe pitching, rope work, etc.

7. **Soccer, Speedball, Hockey, and Badminton.** (Women) Autumn. M. W. F., 3:30. One hour credit. Holbrook.

A progressive development in the above. Autumn team sports will be followed, with emphasis upon the attainment of fundamental skills. Majors and minors in physical education should take this course with Physical Education 54.

8. **Basketball and Volleyball.** (Women) Winter. M. W. F., 3:30. One hour credit. Holbrook.

Emphasis will be given to the following items: Skill development, offensive and defensive playing, developing team play, rules, and officiating. Majors and minors in physical education should take this course with Physical Education 55.

9. **Baseball, Track and Field.** (Women) Spring. M. W. F., 3:30. One hour credit. Holbrook.

Theory will be applied to baseball to develop a better game. The best practices in track and field will be employed to develop ease in motion in track and field events. Novelty

races and "play day" devices and events will be introduced. Majors and minors in Physical Education should take this course with Physical Education 56.

14. **Archery.** Autumn. M. W. F., 1:30. One hour credit. Holbrook.

The course aims to develop individual techniques, providing experience in various types of tournaments and related archery activities.

15. **Tumbling.** (Men) Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. Millet.

15. **Tumbling, Pyramid Building and Stunts.** (Women) Winter. T. Th., 8:30. One hour credit. Holbrook.

Simple tumbling events in keeping with beginners' ability will be taught as foundation work. Other items will be given to develop skill and coordination for the fun and satisfaction of the performers.

17. **Boxing.** Autumn, Winter, Spring. M. W. F., 1:30. One hour credit. Staff.

This course will consist of the theory and practice of boxing.

18. **Wrestling.** Fall, Winter. M. W. F., 3:30. One hour credit. Millet.

This course will consist of the theory and practice of wrestling.

19. **Tennis.** (Men and Women.) Spring. M. W. F., Sec. 1, 7:30; Sec. 2, 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Limited to 48 students per class. Not open to Freshmen.

20. **Golf.** (Men and Women.) Spring. M. W. F. One hour credit. Provo Municipal Golf Course. Time to be arranged. Crowthton.

This course will consist of the theory and practice of golf under the personal supervision of professional instruction. A special fee is charged for this course. Students will be required to furnish their own equipment.

21. **Developmental Rhythms for Elementary Teachers.** Winter. M. W. F., 1:30. One hour credit. Burton.

Especially designed for those preparing to teach in the elementary grades. The course will include fundamentals of body movement, simple rhythms, folk type dances, and will provide experience in creative group work.

22. **Play Games and Activities for Elementary Teachers.** Spring. M. W. F., 1:30. One hour credit. Burton.

This course deals with principles, method and content of a play program, designed for those preparing to teach in the elementary grades.

24. **Fencing.** Winter, 4:30. Three periods each week. One hour credit. Open to both men and women.
25. **Social Dancing.** Autumn and Winter. T. Th., 4:30-6:00. One hour credit. Burton.

Open to freshmen and sophomore men and women. Permission must be obtained from instructor before registering with the dean. Credit in this course does not substitute for freshman physical education requirement.

26. **Elementary Clog and Tap Dancing.** (Men and Women). Autumn. M. W. F., 8:30. One hour credit. Burton.

Simple routines and rhythms will be taught and worked out to old time and modern music. Emphasis will be placed upon the recreative rather than the professional aspects of the activity.

27. **Intermediate Tap.** (Men and Women). Winter. M. W. F., 8:30. One hour credit. Burton.

For those who have already attained a degree of skill in tap technique. Prerequisite, Physical Education 26, or fundamental tap steps, time steps, and knowledge of several routines.

28. **Advanced Tap.** (Men and Women) Spring. M. W. F., 8:30. One hour credit. Burton.

Prerequisite, Physical Education 27, or individual work.

- 31, 32, 33. **Elementary Modern Creative Dance.** Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. Burton.

Fundamentals in dance technique. The development of modern creative dance and its types of accompaniment.

42. **Folk and Country Dancing.** (Men and Women) Winter. T. Th., 1:30. One hour credit. Burton.

#### Upper Division Courses

51. **Athletic Coaching and Directing—Football.** Autumn. Three periods each week. 10:30. Three hours credit. Kimball.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. **Athletic Coaching and Directing—Basketball.** Winter. Three periods each week. 10:30. Three hours credit. Kimball, and Staff.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fun-

damentals, offensive and defensive systems, schedule making, etc.

53. **Athletic Coaching and Directing—Track and Field.** Spring. Three periods a week. 10:30. Three hours credit. Hart, Millet.

This course will deal with the technique of track and field athletics and with the management of meets.

54. **Athletic Coaching and Directing. (Women)** Autumn. T. Th., 3:30.. One hour credit. Holbrook.

Soccer, speedball, hockey, and badminton. This course for majors and minors is a discussion and theory course with outside readings and assignments. It is expected that individuals registered for this course also register for Physical Education 7, in which they will get the practice of the game and the experience in officiating and coaching.

55. **Athletic Coaching and Directing. (Women)** Winter. T. Th., 3:30. One hour credit. Holbrook.

Basketball and volleyball. This course will consist of theory, discussion, and outside assignments in coaching and directing. Students who register for this course should also register for Physical Education 8, to gain experience in the games.

56. **Athletic Coaching and Directing. (Women)** Spring. T. Th., 3:30. One hour credit. Holbrook.

Baseball, track and field, play days. This theory course dealing with best practices in developing these spring activities for girls will provide a basis of understanding and working principles for coaching. This course should be taken simultaneously with Physical Education 9.

- 61, 62, 63. **Advanced Modern Creative Dance.** Autumn, Winter, Spring. T. Th., 9:30. One hour credit. Burton.

Advance technique and composition. Prerequisites, 31 and 32, or 32 and 33.

65. **Problems of the Dance in Physical Education.** Autumn. T. Th., 7:30 a. m. Two hours credit. Burton.

Problems of the public performance, planning the program, organization, lighting, costumes, etc. Required for a major.

71. **The Theory of Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.

The theory of play and its organization, considering history, classification, the need for play in modern life, and play in education.

73. **Co-educational Physical Education and Recreation. (Men)**

and Women) Autumn. M. W. F., 1:30. Two hours credit. Holbrook.

This course will deal with technique of conducting and playing individual and group games and activities. Some of those included are: tether ball, shuffle board, paddle tennis, ping pong, side walk tennis, teniquoit, and newcomb. This course is required of all majors and minors in physical education.

88. **Physiology of Activity.** Spring. M. W. F., 7:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.
90. **Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Kimball.

This course deals with underlying principles of physical education. Prerequisite: Zoology 65.

91. **General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied with reference to their effect upon the body. Prerequisite: Zoology 65.

92. **Methods of Teaching Physical Education.** Autumn. T. Th., 8:30. Two hours credit. Hart.

A study of various systems and methods of teaching physical education; content of the program in physical education, methods of commanding, directing, etc. Prerequisites: Physical Education 90, 91.

93. **Organization and Administration of Physical Education, Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Kimball.

The executive and administrative problems arising out of organizing and conducting health, physical education, and recreation programs in schools and communities.

94. **Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives much consideration to the essential procedures used in evaluating tests and their results.

95. **First Aid.** Autumn. M. W. F., 1:30. Two hours credit. Miller.

This course will consider the principles of first aid treatment of injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

Those successfully completing the course will be given the official American Red Cross Standard First Aid Course Certificate.

96. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart.

The variation of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities. Prerequisites: Zoology 65, Physical Education 91.

#### Graduate Courses

165. **Problems in the Dance in Physical Education.** Autumn. T. Th., 7:30 a. m. Two hours credit. Burton.

171. **Theory of Organized Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.

188. **Physiology of Activity.** Spring. M. W. F., 7:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.

190. **Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Kimball. Prerequisites: Psychology 11 and Zoology 11 and 65.

193. **Organization and Administration of Physical Education, Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Kimball.

194. **Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

196. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.

198. Research in Physical Education. Time and credit to be arranged. Jeppson and Hart.
200. The Master's Thesis in Physical Education. Credit by arrangement.

## PHYSICS

*Professors Marshall and Hales.*

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43.

Non-science students may elect with profit courses 11, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, 85, 90, 91, 92, and some sequence such as Physics 72, 73, 74, 75, 81, 83, or 55, 66, 67, 81, 83, or 55, 66, 67, 72, 73, 74, 75. In addition course 99 should be elected by students who plan to be high school teachers.

### Lower Division Courses

11. A Survey Course in Physics. Autumn and Winter. M. T. W. Th., 10:30. Four hours credit. Marshall.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. Photography. Spring. Lecture, M. W. F., 7:30. Laboratory time to be arranged. Four hours credit. Hales. (See Journalism 26.)

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color, sensitivity, etc.

41. **General Physics.** Mechanics and Sound. Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.  
Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.
42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.  
Continuation of 41.
43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit. Hales.  
Continuation of 42.

#### Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales.  
A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.
- 66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall.  
A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.
72. **Physics of the Air.** Autumn. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales. (Not given this year.)  
The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.
73. **Synoptic Meteorology.** Winter. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales. (Not given this year.)  
A continuation of Course 72 with special emphasis placed upon the Norwegian Polar front theory of weather analysis. Daily weather maps, including all frontal data, atmospheric cross sections, and various thermodynamic charts, will be constructed as part of the laboratory work.
74. **Sound.** Winter. Lecture. M. T. Th. Fri., 9:30. Laboratory W. Five hours credit. (Not given this year.)  
Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.
75. **Experimental Optics.** Spring. Lecture, M. W. F., 8:30. Lab-

oratory: Time to be arranged. Five hours credit. Marshall. (Not given this year.)

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

76. Advanced Photography. Spring. Lecture, W., 7:30. Laboratory, time to be arranged. Two hours credit. Hales.

A laboratory course in the more advanced photographic principles including sensitometry, physical development, toning, natural color printing, and so forth. Prerequisites: Physics 26 and Physics 41, 42, 43 or Chemistry 4, 5, 6.

81. Mechanics. Winter. Daily, 8:30. Five hours credit. Hales.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

83. Thermodynamics. Spring. Daily, 8:30. Five hours credit. Hales.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

85. Advanced Physical Measurements. Autumn, Winter or Spring. Time to be arranged. One to three hours credit. Marshall and Hales.

Precision measurements involving special laboratory techniques and the solution of some simple research problem. Required of all majors in physics in Senior year.

87. Laboratory Arts. Autumn. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales.

Processes connected with the construction and use of apparatus in physical laboratory.

- 90, 91, 92. Seminar. Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Marshall and Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

95. Readings in Modern Physics. Credit 1 to 3 hours, depending on the work done. Marshall or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

99. Teaching of Physics. Autumn. M. W., 3:30. Two hours credit.

**Graduate Courses**

- 101, 102, 103.** **Introduction to Modern Physics.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Marshall.

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

- 105, 106, 107.** **Introduction to Theoretical Physics.** Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

- 110, 111, 112.** **Classical Experiments.** Each course two hours credit. Marshall and Hales.

- 190, 191, 192.** **Seminar.** Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Marshall and Hales. Hales.

- 195.** **Readings in Modern Physics.** Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

- 200.** **Thesis in Physics.** Credit to be arranged.

**POLITICAL SCIENCE**

*Professor Jensen; Mr. Wilson, Mr. Gaeth.*

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

**Lower Division Courses**

- 1.** **A Survey Course in Political Science.** Autumn. Daily, 10:30. Five hours credit. Wilson.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

- 10.** **National Government of the United States.** Winter. M. W. F., 10:30. Three hours credit. Jensen.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial departments of the national government.

11. **State and Local Government in the United States.** Spring. M. W. F., 10:30. Three hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

21. **Problems of Citizenship.** Autumn. M. W. F., 1:30. Three hours credit. Gaeth.

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 43.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 44.)

A study of law governing Negotiable Instruments, rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barters and bailments.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 45.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

#### Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 10:30. Three hours credit. (Not given this year.)

A systematic study of the principles of political science; the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality.

51. **European Political Philosophy.** Spring. M. W. F., 10:30. Three hours credit. Wilson. (Not given this year.)

A survey of political thought from the time of the ancients to the present with emphasis given to English political theory.

53. —History of American Political Thought. Autumn. M. W. F., 10:30. Three hours credit. Jensen.

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

63. Municipal Government. Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration.

73. Comparative European Governments. Winter. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

77. Political Parties and Party Government. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

80. International Law. Autumn. M. W. F., 9:30. Three hours credit. Jensen.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

82. History of American Foreign Policy. Spring. M. W. F., 9:30. Three hours credit. Jensen.

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. International Relations. Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the major contemporaneous problems and developments in the field of international relations.

85. International Organization and Government. Winter. T. Th., 10:30. Two hours credit. Gaeth.

The rise and development of international government; diplomatic intercourse of states; international executive,

administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

87. Current European Problems. Spring. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the momentous recent political changes in Europe. The course aims to interpret governmental changes, treaties, conflicts, and problems which are arising in Europe at present.

90. The Constitution of the United States. Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

95. Constitutional Law of United States... Autumn. Daily, 9:30. Five hours credit. Jensen. (Not given this year.)

Jurisdiction of federal courts, citizenship, naturalization, suffrage, personal liberty, protection to persons accused of crime, due process and equal protection of the laws, police power, eminent domain, taxation, regulation of commerce, impairment of obligation of contracts, etc. A standard book of cases will be used.

#### Graduate Courses

150. Principles and Problems of Political Science.

151. European Political Philosophy.

153. American Political Theories.

163. Municipal Problems.

174. English Government and Politics.

175. The British Commonwealth of Nations.

177. Political Party Systems in the United States and in European Countries.

180. International Law as Administered by the Courts.

181. The Conduct of American Foreign Relations.

182. History and Problems of American Foreign Policy.

183. International Relations and World Politics.

195. Constitutional Law of the United States.

198. Research in Political Science.

200. Research for Master's Thesis.

#### PSYCHOLOGY

*Professor Poulsen; Assistant Professor Dusenberry; Mr. Gibb.*

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

**General Cultural Interests:** Psychology 64, 65, 70, 78, 79, 95 and 96.

**Home-making Interests:** Psychology 70, 75, 78 and 79.

**Business Interests:** Psychology 10, 64, 65, 70 and 75.

**Educational Interests:** Psychology 65, 70, 74, 75, 76, 78 and 79. For fulfilling State Board requirements, Psychology 51 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

**Psychology Major:** Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 76, 79, 95, 96, 101, 102, and seminar courses in psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

#### Lower Division Courses

10. **Study Habits and Mental Hygiene.** Autumn. T. Th., 8:30; Winter. T. Th., 1:30; Spring. T. Th., 2:30. Two hours credit. Poulson and Gibb.

A practical course intended especially to help freshmen who desire to improve their mental health and methods of study.

11. **General Psychology.** Autumn, Daily, 10:30. Winter, Daily, 9:30. Spring, Daily, 10:30. Five hours credit. Poulson and Gibb.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

#### Upper Division Courses

51. **Educational Psychology.** Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

64. **Applied Psychology..** Spring. M. W. Th. F., 8:30. Four hours credit. Poulson.

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests. Prerequisite: Psychology 11.

65. **Experimental Psychology.** Autumn, lecture, W., 1:30; Winter, lecture, Th., 2:30; or Spring, lecture, Th., 1:30. Laboratory each quarter M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Gibb.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form. Prerequisite: The consent of the instructor.

70. **Social Psychology.** Autumn. M. T. W. F., 9:30. Four hours credit. Poulson.

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent.

78. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers and social workers. (See Household Administration 78.) Prerequisite: Psychology 11 or equivalent.

74. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

75. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb.

History, theory and use of different kinds of psychological tests and scales. Scientific interpretation and application of test results. Prerequisite: Psychology 11.

76. **Mental Test Practice.** Autumn. Th., 9:30, and five other hours per week to be arranged. Two hours credit. Gibb.

Supervised training in the actual administration of psychological tests with emphasis upon Forms L and M of the new revised Stanford-Binet tests of intelligence. Prerequisite: Consent of the instructor.

79. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.

A consideration of the psychological foundations of human conduct. Varieties of adjustive and non-adjustive behavior.

**Psychology of abnormal people.** The wholesome personality. Mental hygiene problems of the home and school. Prerequisite: Psychology 11. (See Household Administration 79.)

- 93. Psychology of Religion.** Winter. M. W. F., 8:30. Two hours credit. Poulson.

An advanced consideration of important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite: Psychology 11, and 70 or 78 or 79.

- 95. History of Psychology.** Autumn. T. Th., 2:30. Two hours credit. Poulson.

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years. Prerequisites: Psychology 11 and 65 or equivalent.

- 96. Contemporary Schools of Psychology.** Autumn. M. W., 2:30. Two hours credit. Poulson.

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis. Prerequisites: Psychology 11 and 65 or the equivalent.

### Graduate Courses

- 101, 102. Advanced General Psychology.** Winter and Spring. M. W. F., 2:30. Three hours credit each quarter. Poulson.

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics. Prerequisites: Psychology, 11 and 65 or equivalent.

- 165. Advanced Experimental Psychology.** Winter. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

- 170. Social Psychology.** Autumn. M. T. W. F., 9:30. Four hours credit. Poulson.

- 174. Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

- 178. Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson.

- 179. Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.

- 187, 188, 189. Seminar in Psychology.** Autumn, Winter or Spring. Time to be arranged. One or two hours credit each quarter. Poulson.

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: Consent of the instructor.

- 193. Psychology of Religion.** Winter. T. Th., 8:30. Two hours credit. Poulson.

- 195. History of Psychology.** Autumn. T. Th., 2:30. Two hours credit. Poulson.

- 196. Contemporary Schools of Psychology.** Autumn. M. W., 2:20. Two hours credit. Poulson.

- 200. Thesis in Psychology.** Winter or Spring. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

### RELIGIOUS EDUCATION

*Professors Wilson, A. N. Merrill, H. R. Merrill, Cummings, Lambert; De Jong, Miller, Martin, Hansen, Jensen, W. H. Boyle, Hoyt, Hart, Ivins, Shaw; Associate Professors Sperry, Rowe, Nicholes, Law, Lloyd; Assistant Professors R. Swensen, Holbrook; Mr. Wilson, Mr. Tracy, Mr. Anderson, Mr. Pond, Miss Waspe, Mr. Ballif*

#### Lower Division Courses

- 1, 2, 3. The Restored Gospel as a Way of Life.** Autumn, Winter, Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 4, 10:30; Secs. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 11:30; Sec. 15, 2:30. Two hours credit each quarter. Wilson, Boyle, DeJong, Cummings, Lambert, Miller, Hansen, Jensen, Shaw, M. Wilson, Law, Pond and Ballif.

The student just entering college is aided in the solution of problems incident to his new environment. The general significance and meaning of the Restored Gospel as it applies to conduct will be the central theme.

- 4, 5, 6. Literature of the Bible.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. H. R. Merrill, Tracy.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view; a

study of the poetry and wisdom literature of the Old Testament including Job and Isaiah; a study of the literary forms of the New Testament.

- 10, 11, 12. Book of Mormon.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill, Rowe.  
A study of the origin and content of the Book of Mormon.

- 14. Genealogy.** Autumn or Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

- 15. Genealogy and Eugenics.** Winter. T. Th., 11:30. Two hours credit. Sudweeks.

Relation of race improvement to religion and genealogy; nature and nurture, inheritance, methods and agencies for race improvement, marriage, divorce and birth rates.

- 19, 20, 21. Doctrine and Missionary Method.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins. Only with consent of instructor.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

- 25, 26, 27. L. D. S. Church History.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Nicholes.

A history of the Church with a progressive study of the doctrines in their social and historical setting.

- 28, 29, 30. Comparative Study of Christian Religions.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. R. Swenson.

A comparative study of contemporary Christian religions, their historical growth, famous leaders, theological creeds, church organizations, and present-day trends; also other great religions.

#### Upper Division Courses

- 51, 52, 53. Hebrew Civilization.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Sperry.

The religious life of our civilization is rooted in Israel.

This course will portray Israel's exceptional mission in the world and her importance in Latter-day Saint philosophy.

- 54, 55, 56. Literature of the New Testament.** Autumn, Winter, Spring, 8:30. Two hours credit each quarter. R. Swensen.

A literary, historical study of the New Testament books. Special attention is given to the historical background, literary features, and the distinctive religious teachings of each book.

- 63, 64, 65. History of the Christian Church.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swensen.

A historical survey of the growth of Christianity from the time of Christ to the present. The imperial Roman, the medieval, and the modern ages are studied for the light which they throw upon the cultural, social, and religious backgrounds of Christianity.

- 66, 67, 68. Old Testament History.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Martin.

A study of the political, cultural, and religious development of Israel up to the time of the Prophet Amos; contributions of the prophets of Israel during the period 800 to 400 B. C.; a study of the priestly period from 400 B. C. to the time of Jesus.

- 71. Manners and Customs of the Hebrews.** Autumn. T. Th., 11:30. Two hours credit. Sperry.

The traditions, customs, and modes of thought of the ancient Hebrews. The literature of the Bible cannot be fully understood without a knowledge of the customs of the people that produced it.

- 72. Hebrew Archaeology.** Winter. T. Th., 11:30. Two hours credit. Sperry.

A study of the results of exploration and excavation in Bible lands with special reference to the Hebrew people.

- 73. Modern Religious Problems.** Spring. T. Th., 11:30. Two hours credit. Sperry.

Will deal with such problems as the criticism of the Bible, the criticism of the Book of Mormon, and modern problems of religious interest.

- 74. Leadership in Recreation.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Holbrook and Hart.

This course is given to meet the needs of the community, church, and school recreational leaders. Open to juniors and seniors only, and then by permission of instructor.

75. Bee-Hive Leadership. Winter, 11:30. Two hours credit. Waspe.

A course designed especially for those interested in girl guidance work. Consideration of the interests and needs of adolescent girls; a study of the girl movements of the world; leadership qualifications; plan of the Bee-Hive Girls organization, and methods of presentation.

76. Bee-Hive Leadership. Spring, 11:30. Two hours credit. Waspe.

A practical application of the work covered in course 75. Group activity in the various fields of the Bee-Hive plan: Home, Health, Religion, Out-of-doors, Art, Public Service, Business.

- 77, 78, 79. Scout Leadership. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Anderson.

A course designed especially for scoutmasters and prospective scout leaders. The following topics will be considered: Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games; signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the class room and while on short hikes.

- 84, 85, 86. Problems in Personal Religious Living. Autumn, Winter, Spring, T. Th., 11:30. Two hours credit. Lloyd.

A study of the religious factors that are involved in the achievement of wholesome personality. The course includes an analysis of basic religious issues in the modern world.

- 87, 88, 89. Rationality of Religion. Autumn, Winter, and Spring. Sec. 1. T. Th., 10:30; Sec. 2, T. Th., 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of God, His relations to man, and His plan for man's redemption; Jesus Christ and His relation to the plan; the Restored Gospel as a way of life. Arranged especially for Seniors.

#### Graduate Courses

- 121, 122, 123. Seminar. Autumn, Winter, Spring. Time to be arranged. Wilson.

- 187, 188, 189. Rationality of Religion. Autumn, Winter, Spring.

T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88 and 89.

200. Thesis. Time and hours to be arranged. Religious Education Faculty.

## SOCIOLOGY

*Professors Swenson, Hansen, Boyle; Mr. Ballif.*

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Students majoring in this department are required to take courses 11, 12, 53, 57, 58, 75, and 81.

Sociology majors and minors are advised to broaden their background with courses in related fields. The following are especially recommended. Economics 60 and 61, Geography 52, Anthropology 94, History 1, Political Science 1, Psychology 11, 70, 71, 72 and 79, Zoology 11, 18 and 79.

### Lower Division Courses

11. **Introduction to the Study of Sociology.** Autumn, Winter and Spring. Daily, 2:30. Five hours credit each quarter. Ballif.

This course is designed to give the ground work for social study. It presents a general view of social organizations, social forces and a practical working theory of the nature of society.

12. **Social Problems.** Spring. Daily, 7:30. Five hours credit. Ballif.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

### Upper Division Courses

51. **Community Organization and Leadership.** Autumn. M. W. F., 10:30. Three hours credit.

Problems of community life and action, and the methods of promoting them through organization and leadership.

53. **Rural Sociology.** Spring. M. W. F., 10:30. Three hours credit.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. **Introduction to the Study of Sociology.** Autumn and Winter. Daily, 8:30. Five hours credit each quarter. Swenson.

56. **Social Problems.** Winter. Daily, 9:30. Five hours credit. Swenson. Same as Sociology 12.

57. **Population Problems.** Autumn. M. W. F., 10:30. Three hours credit.

A study of the growth and distribution of population. Such subjects as population density and mobility, birth and death rates, eugenic considerations, etc., will be discussed.

58. **Human Ecology.** Autumn. T. Th., 10:30. Two hours credit. Ballif.

A study of the spatial relationships of man as determined by his adaptation to physical and social environment. Discussions will center on such subjects as isolation, interaction, segregation, invasion, etc.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

66. **Urban Sociology.** Winter. T. Th., 10:30. Two hours credit. Swenson.

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

75. **The Family.** Spring. M. W. F., 10:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

- 77, 78. **Social Case Work.** Autumn, Winter, and Spring. F., 1:30 to 3:30. Two hours credit each quarter. Swenson.

Principles and practices of case work with the maladjusted and the dependent.

80. **Social Statistics.** Winter. M. W. F., 8:30. Three hours credit. (Not given this year.)

A study of graphical and statistical methods as they

apply to sociology. Practice will be given in computing statistical averages, deviations, correlations, etc.

81. **The History of Social Theory.** Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

90. **Labor Problems.** See Economics 61.

93. **Race and Racial Problems.** Winter. T. Th., 10:30. Two hours credit.

An analysis of the classification and distribution of races, and of the problems which grow out of racial conflict.

96. **Cultural Anthropology.** Winter. M. W. F., 10:30. Three hours credit.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

- 97, 98, 99. **Recent Social Trends.** Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. (Not given this year.)

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

#### Graduate Courses

- 101, 102, 103. **Research.** Time and credit to be arranged. Swenson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

151. **Community Organization.** Autumn. M. W. F., 10:30. Three hours credit. Swenson. (See Sociology 51.)

161. **Educational Sociology.** Autumn, 9:30. Three hours credit. Swenson.

171. **Juvenile Sociology.** Spring. Two hours credit. Boyle.

175. **The Family.** Spring. Three hours credit. Swenson.

186. **Social Organization.** Spring. Three hours credit.

190. **Labor Problems.** Winter. Three hours credit.

191. **Labor Legislation.** Spring. Three hours credit.

195. **Cultural Anthropology.** Winter. Three hours credit. Christensen.

196. **Research.** Time and credit to be arranged.
- 197, 198, 199. **Recent Social Trends.** Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. Christensen. (Not given this year.)
200. **Thesis.**

### SPEECH

*Professors Pardoe, Morley, De Jong; Mr. Clinger, Miss Billings*

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, public speaking, or dramatic art. Requirements for public speaking are Speech 1, 2, 3, 4, 11, 12, 51, 52, 53, 84p, 91, and 95. Requirements for dramatic art are Speech 1, 2, 11, 12, 22, 42, 43, 61, 62, 72, 73, 77, 78 or 79, 81p, 87p, 91 and 95.

It is advisable to register for Physics 11, Psychology 11, Psychology 74, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 4, 11, 12, 51 or 52, 72 or 73, 91, and 95.

#### Lower Division Courses

- \*1. **Principles of Speech.** Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course.

- \*2. **Open Forum Discussion.** Winter. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

Encouragement and practice in extemporaneous speech and application of speech principles. Vocabulary building.

- \*3. **Speech Analysis.** Spring. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 2 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

4. **Voice and Diction.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Morley.

A laboratory study and supervised development of good voice and diction. Especially planned for prospective teachers.

\*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

- \*11. Elementary Speech Problems. Autumn. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.  
Fundamental principles of speech arts, with emphasis on pantomime.
- \*12. Classical Literature. Winter. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.  
Application of the elements of reading to great scenes of classical literature.
- \*13. Dramatic Monologue. Spring. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.  
Special attention is given to the dramatic monologue and soliloquy.
21. Interpretative Literature. Autumn. M. W. F., 9:30. Three hours credit. Pardoe.  
Character delineation forms a great portion of this work.
22. Dialogue and Scene Presentation. Winter. M. W. F., 9:30. Three hours credit. Pardoe.  
The great scenes from Shakespeare and classical literature. Character analysis and presentation. Prerequisites: Courses 11, 12, 13.
42. Practical Phonetics. Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong.  
A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)
- 43 or 44. Representative Dialect. Spring. M. W. F., 9:30. Three hours credit. Pardoe.  
A study of dialect as an element in interpretation. Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years. Prerequisite: Course 42.

#### Upper Division Courses

51. Advanced Speech Composition. Autumn. M. W. F., 9:30. Three hours credit. Morley.

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\*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

52. **Argument and Debate.** Winter. M. W. F., 9:30. Three hours credit. Morley.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.) Prerequisites: English 1, 2, 3; Speech 1, 2.

57. **Advanced Debate.** Winter. One hour credit. For such members of the debating squad as can qualify and register for this course, subject to the approval of the Speech Department.

58. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.

Technique of radio speech and preparation for broadcasting. Prerequisite Speech 4. Laboratory fee \$2.50.

61. **Speech Projects.** Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems. Required of all majors. Course prepares for 62.

62. **Impersonation.** Winter. M. T. W. Th., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation, and who can qualify in Speech 1, 2, 11, 12, 13, and 22 are eligible. Speech 61 is obligatory for this course. The Mask Club is the laboratory for this course.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume studies for plays and period designing.

71. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

72. **Play Production.** Winter. M. W. F., 2:30. Three hours credit. Pardoe. Three classes and one laboratory period per week. Advanced students only. Courses 11, 12, 13, and 22 are prerequisite.

73. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Two classes and one laboratory period per week. Advanced students only. Required of all Speech Seniors. Pardoe.

77. **History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.  
The Egyptian, Grecian, and Roman Theatre. A study of the means employed in the theatrical presentations of these periods.
78. **History of Dramatic Production.** (Oriental and Medieval.) Winter. T. Th., 1:30. Two hours credit. Pardoe.
79. **History of Dramatic Production.** (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Pardoe.
- 81p. **Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe.  
An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.
- 84p. **Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe and Morley.  
An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.
- 87p. **Voice and Speech Improvement.** One hour credit per quarter for each recitation per week. Pardoe and Morley.  
An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged by instructor.
91. **Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.  
Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching.
94. **Psychology of Speech.** Autumn. M. W. F., 8:30. Three hours credit. Morley.  
A study of the psychological elements of language and expression.
95. **Speech Correction.** Winter. M. W. F., 8:30. Three hours credit. Morley.  
Laboratory and clinical methods for the study and correction of speech defects.
96. **Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.  
Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Handling of actual cases will form an important part of the course. Prerequisite: Speech 95.

**Graduate Courses**

131. **Technique of Play Writing.** Winter. Three hours credit. Pardoe. Time to be arranged. May be taken by advanced upper division students.
132. **Technique of Play Writing.** Spring. Time to be arranged. Three hours credit. Pardoe.  
The writing and producing of original plays, with emphasis upon western themes. May be taken by advanced upper division students.
- 143 or 144. **Dialect Research.** Spring. M. W. F., 9:30. Laboratory, two hours per week. Three hours credit .Pardoe. Prerequisite: Speech 42.
151. **Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Morley.  
An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery. Each student will make an individual study of an eminent orator.
152. **Argument and Debate.** Winter. M. W. F., 8:30. Three hours credit. Morley.  
Advanced study of principles of argument and experience in their use by applying them in a series of debates on current questions. An individual study of some phase of argument or logic will be required. Prerequisite: English 1, 2, 3, and Speech 1 and 2.
158. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.
171. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.
172. **Play Production.** Winter. M. W. F. Three hours credit. Pardoe.
173. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Pardoe.
177. **History of Dramatic Production (Ancient).** Winter. T. Th., 1:30. Two hours credit. Pardoe.
178. **History of Dramatic Production (Oriental and Medieval Theatre).** Winter. T. Th., 1:30. Two hours credit. Pardoe.
179. **History of Dramatic Production.** Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Pardoe.
- 180p. **Speech Clinic.** Students may enter at any time during the year. Morley.

Corrective treatment of stuttering, stammering, lisping, oral inaccuracy, poor voice and other forms of speech and voice disorders. A thorough diagnosis will be made and treatment organized in accordance with individual needs. Time and fee to be arranged.

191. Methods of Teaching Speech. Spring. T. Th. Two hours credit. Morley.
194. Psychology of Speech. Autumn. M. W. F., 9:30. Three hours credit. Morley.  
A study of the psychological elements of language and expression.
195. Speech Correction. Winter. M. W. F., 9:30. Three hours credit. Morley.  
Laboratory and clinical methods for the study of various speech defects. An individual research problem required.
196. Clinical Methods in Speech Correction. Spring. M. W. F., 8:30. Three hours credit. Morley.  
Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Work with cases will form important part of the work. Students will make an individual study of some important clinical problem. Prerequisite: Speech 95.
200. Thesis. Three to five hours credit. Time to be arranged. Pardoe, Morley.  
Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during at least three quarters.

### ZOOLOGY AND ENTOMOLOGY

*Professor Tanner; Doctors Cullimore, Oaks; Assistant Professors Johansen and Beck.*

Students majoring in this department must complete courses 11, 18, 30, 55, 57, 59, 65, 66, 71, 72, 75, 80, 82, 83 and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 18, 55, 56, 65, 66, 70, 71, 72, and 75.

Students who desire to teach Biology in the high school should complete the following courses: 11, 18, 30, 57, 58, 59, 65, and 66; Botany 1, 2, 3, and 60; Bacteriology 21.

#### Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van

Buren collection of birds from Magdelena River of Colombia, the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1676 species, 300 species from the Blatchley collection, and the Charles Schaeffer weevil collection, consisting of 813 species. Many types, cotype and paratype specimens are in the collections. All these collections are housed in the new fire-proof Geo. H. Brimhall Building.

#### ZOOLOGY

##### Lower Division Courses

11. **General Zoology.** Autumn. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Winter. Sec. 1, M. W. F., 10:30; Spring. M. W. F., Sec. 1, 10:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2, T. Th., 3:30-5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Five hours credit. Tanner and Beck.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Evolution and Genetics.** Winter and Spring. M. W. F., 10:30. Three hours credit. Tanner.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution. Prerequisite: Zoology or Botany Laboratory course.

23. **Animal Ecology.** Spring. M. W. F., 9:30. Three hours credit. Tanner. (Not given this year.)

The environment, natural habitats, adaptations, relationships of organisms, and distributions of species and communities will be considered.

25. **General Physiology.** Winter. 9:30. Three hours credit. Johansen.

A course dealing with the problems of digestion, excretion, circulation, and respiration. A course especially designed for Home Economics students.

**Upper Division Courses**

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Beck.  
This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.
56. **Comparative Anatomy.** Spring. T. Th., 8:30. Laboratory, M. W. F., 1:30-4:30. Five hours credit. Beck.  
A detailed study of the comparative anatomy of the vertebrates.
57. **Vertebrate Zoology; Birds and Mammals.** Spring. M. W. F., 7:30. Three hours credit.  
A course in the evolution, structure, classification, and distribution of birds and mammals with special reference to the Utah species. Prerequisite: Zoology 11. (Not given this year.)
58. **Health Education for Teachers.** Autumn, Winter, Spring. M. W., 1:30. Two hours credit. Cullimore, Oaks. (See Elementary Education 58.)  
Designed especially for those who are preparing to teach in the public schools.
59. **Cold Blooded Vertebrates; Fish, Amphibians and Reptiles.** Winter. M. W. F., 8:30. Three hours credit. Tanner.  
An introductory course dealing with the problems relating to the evolution, life history and classification of cold blooded vertebrates found in this region.
65. **Human Physiology.** Autumn. M. W. F., 9:30. Three hours credit.  
This course is designed to give the student a working knowledge of the life processes as they function in man. Prerequisite: Zoology 11. (See Animal Husbandry 65.) (Not given this year.)
66. **Human Physiology Laboratory.** Autumn. T. Th., 1:30-4:30. Two hours credit. (Not given this year.)
70. **Histological Technique.** Winter. M. W. F., 1:30-4:30. Three hours credit. Beck.  
Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.
71. **Histology.** Autumn. M. W. F., 1:30-4:30. Three hours credit. Beck.  
Microscopic study of the structure of the tissues and organs of animals.

72. **General Embryology.** Spring. T. Th., 9:30. Laboratory, W. F., 1:30-4:30. Three hours credit. Beck.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

73. **Aquatic Zoology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

75. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

79. **Eugenics.** Spring. M. W. F., 10:30. Three hours credit. Beck.

The laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education. Prerequisite: Some laboratory course in Zoology or Botany.

- 80, 81. **Junior Year Seminar.** 82, 83. **Senior Year.** Autumn, Winter. W., 4:30. One hour credit each quarter. Staff.

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner. (Not given this year.)

Special problems dealing with the Plankton, Mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students.

- 91, 92, 93. **Field Zoology.** Time and credit to be arranged. Tanner and Beck.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report in the same. This course aims to give training in systematic Zoology and museum work.

#### Graduate Courses

- 113, 114, 115. **Research Work in Systematic Vertebrate Zoology.** Time and credit to be arranged.

- 117, 118, 119. **Zoological Research.** Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

157. **Vertebrate Zoology.** (See Course 57.)

159. **Cold Blooded Vertebrates.** (See Course 59.)

175. History of Biology. (See Course 75.)

179. Eugenics. (See 79).

200. Research. Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

## ENTOMOLOGY

### Lower Division Courses

30. Elementary Entomology. Autumn. M. W. F., 9:30. Three hours credit. Tanner.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. Morphology of Insects. Winter. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

32. Insect Classification. Spring. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. Economic Entomology—Field, Orchard and Garden Insects. Spring. M. W. F., 10:30. Laboratory, M., 2:30-5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite Course 30.

### Upper Division Courses

61. Advanced Study of the Hymenoptera. Autumn, Winter, Spring. Three hours credit. Time to be arranged.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested.

62. Advanced Study of the Coleoptera. Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

63. **Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner (Not given this year.)  
A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.
64. **Advanced Entomology.** Winter and Spring. Time and credit to be arranged.  
Open only to advanced students who are prepared to do systematic, morphological, or economic work.
94. **Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.  
A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.
96. **Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.  
Students will be encouraged to study the internal morphology of various groups of insects.

#### Graduate Courses

- 102, 103, 104. **Special Problems in Systematic Entomology.** Time and credit to be arranged.  
Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.
- 105, 106. **Research Work in Insect Morphology.** Time and credit to be arranged.  
Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.
- 107, 108, 109. **Special Problems in Economic Entomology.** Time and credit to be arranged.  
The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.
- 110, 111, 112. **History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

## Extension Division

### FACULTY

- FRANKLIN STEWART HARRIS, President  
HARRISON R. MERRILL, Director  
CARLTON CULMSEE, Secretary Extension Division, Journalism  
AMOS N. MERRILL, Secondary Education  
BENJAMIN F. CUMMINGS, Languages  
THOMAS L. MARTIN, Agronomy and Bacteriology  
WILLIAM J. SNOW, History  
T. EARL PARDOE, Speech  
M. WILFORD POULSON, Psychology  
VASCO M. TANNER, Zoology and Entomology  
HERALD R. CLARK, Finance and Banking  
GERRIT DE JONG, JR., Languages  
GEORGE H. HANSEN, Geology and Geography  
ELMER MILLER, Economics  
MILTON MARSHALL, Physics  
GUY C. WILSON, Religious Education  
B. F. LARSEN, Art.  
FRANKLIN MADSEN, Music.  
A. C. LAMBERT, Educational Administration  
L. S. MORRIS, Landscape Architecture  
EFFIE WARNICK, Home Economics  
J. MARINUS JENSEN, English  
JOSEPH SUDWEEKS, Religious Education  
C. S. BOYLE, Accounting and Business Administration  
WAYNE B. HALES, Physics and Mathematics  
SIDNEY B. SPERRY, History  
ALONZO J. MORLEY, Speech  
W. P. LLOYD, Philosophy of Education  
WILLIAM H. SNELL, Drawing  
IDA SMOOT DUSENBERRY, Psychology  
EDGAR M. JENSON, Art  
H. GRANT IVINS, Animal Husbandry  
BERTRAND HARRISON, Botany  
ELSIE C. CARROLL, English  
IRENE S. BARLOW, Home Economics  
W. ELMO COFFMAN, Science and Geography.  
THOMAS C. PETERSON, Secretary, Visual Instruction

O. MEREDITH WILSON, History  
MRS. CHRISTEN JENSEN, English  
MRS. NELLIE THORNTON, English  
J. F. WAKEFIELD, Apiculture  
A. A. ANDERSON, Scouting  
C. J. HART, Physical Education.  
EDNA CULMSEE, Office Practice.

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education."

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. There has come an amazing demand from the general population for instruction suited to its needs.

### **Directed Home Study**

The Extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

### **Extension Division Aims**

To render service to those who are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

### Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

### Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly. A student may complete not more than four credit hours in a month without special permission.

3. A student may not take correspondence work while in residence without the consent of the Dean concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

### Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high

school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

### Fees

The charge for correspondence courses is at the rate of \$2.50 a credit hour, except as indicated in some courses, with a minimum fee of \$5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

### Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

### Visual Instruction

Schools, seminaries, and other non-theatrical organizations throughout the intermountain region have access to the Bureau of Visual Instruction library of 16-millimeter motion pictures, 35-millimeter filmstrips and glass slides. Illustrative material for practically every course in the usual curriculum is available. A sound film section has recently been added to the library. During the 1937-38 school year approximately 25,000 students ranging from kindergarten to college grade, regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning.

### Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges.

**Social Service**

In this department there is included miscellaneous service consisting of recreation, club programs, pageants, visual education, etc.

**Publications**

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

**Leadership Week**

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In the 17th week, in 1938, the attendance represented 93 stakes of the Church. Thirty-three short courses were given. Several thousand men and women from many parts of the continent attended the departmental sessions, entertainments, and general assemblies at which leaders of thought in Church, education, and government offered information and inspiration.

**CORRESPONDENCE COURSES**

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

**Agronomy**

21. Root Crops. Four hours credit. Martin.
22. Cereal Crops. Four hours credit. Martin.
23. Forage Crops. Four hours credit. Martin.
41. Soils. Three hours credit. Martin.
92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.
94. History of Agriculture. Three hours credit. Martin.
99. Agricultural Literature. Credit to be arranged. Martin.

**Animal Husbandry**

2. History of Breeds of Live Stock. Five hours credit. Ivins.
8. Practical Poultry Farming. Three hours credit. Ivins.

**Art**

- 14x. Commercial Art. Two hours credit. Jenson.
- 15x. Commercial Art. Two hours credit. Jenson.
- 16x. Commercial Art. Two hours credit. Jenson.
- 17x. Illustration. Two hours credit.
64. Water Color Painting. Two to four hours credit. Jenson.  
Fee \$3:50 a credit.

**Bacteriology**

21. General Bacteriology. Three hours credit. Martin.

**Botany**

3. Classification of Plants. Three or five hours credit. Harrison.
90. Advanced Systematic Botany. Harrison.

**Accounting and Business Administration**

1. Elementary Accounting. Five hours credit. Taylor.
2. Elementary Accounting. Five hours credit. Taylor.
- 14x. Commercial Art. Two hours credit. Jenson.
30. Commercial Geography. Five hours credit. Coffman.

50. Intermediate Accounting. Four hours credit. Clark.
51. Intermediate Accounting. Three hours credit. Clark.
52. Intermediate Accounting. Four hours credit. Clark.
61. Personnel Management. Three hours credit. Boyle.
62. Personnel Management. Three hours credit. Boyle.
63. Personnel Management. Three hours credit. Boyle.
64. Psychology Applied to Business. Four hours credit. Poulson.
74. Principles of Statistics. Three hours credit. Boyle.
75. Business Statistics. Two hours credit. Boyle.

#### Office Practice

- 11-12. Shorthand. Four or eight hours credit. Mrs. Culmsee.
31. Business English. Three hours credit. Mrs. Culmsee.

#### Drawing

4. Drawing. Two hours credit. Snell.
5. Drawing. Two hours credit. Snell. Prerequisite 4.
6. Drawing. Two hours credit. Snell. Prerequisite 5.
10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5 and 6.
14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.
15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

#### Economics

5. Introduction to Economics. Five hours credit. Miller.
6. Principles of Economics. Five hours credit. Miller. Prerequisite: Economics 5.
14. Economic and Financial History of United States. Three hours credit. Miller.
61. Labor Problems. Three hours credit. Boyle.
93. Economic History of Agriculture. Three hours credit. Martin.

#### Education

3. Literature for Children. Four hours credit. Dusenberry.

**Educational Administration**

5. Educational Administration. Three hours credit. Lambert.
50. Rural Education. Three hours credit. Merrill.
- 60x. Youth and Its Leadership. Five hours credit. Lambert.
81. Old and New Type Examinations. Two hours credit. Sudweeks.
100. Independent Readings. Two hours credit. Lambert.

**Elementary Education**

3. Literature for Children. Four hours credit. Dusenberry.
5. School Organization and Administration. Three hours credit. Lambert.
22. Hygiene and Sanitation. Three hours credit. Hayward.
50. Principles of Education. Four hours credit.

**Philosophy of Education**

74. Rural Sociology. Three hours credit. (See Sociology 53.)
86. History of Education. Three hours credit.
87. Methods in Character Education. Four hours credit. Lloyd.

**Secondary Education**

53. Organization and Administration. Three hours credit. A. N. Merrill.
55. Secondary Education in the United States. Four hours credit. A. N. Merrill.
95. Educational Guidance and Personnel. Three hours credit. A. N. Merrill.

**English**

1. Rhetoric and Composition. Three hours credit. Thornton.
2. Rhetoric and Composition. Three hours credit. Thornton. Continuation of course 1.
3. Rhetoric and Composition. Three hours credit. Thornton. Continuation of course 2.
4. Business English. Three hours credit. Mrs. Culmsee.
11. Advanced English Grammar. Four hours credit. Jensen.
- 16x, 17x. Survey of American Literature. Four hours credit. Mrs. Jensen.

- 20, 21, 22. Masterpieces of English Literature. Six hours credit. Carroll.
- 21x, 22x, 23x. Survey of English Literature. Nine hours credit. Mrs. Jensen.
- 44x. History and Development of the American Novel. Four hours credit. Jensen.
- 50x, 51x, 52x. Readings in World Literature. Six hours credit. Mrs. Jensen.
- 53x, 54x, 55x. Readings in World Literature. Six hours credit. Mrs. Jensen.
- 58x. The Modern Short Story. Three hours credit. Mrs. Jensen.
- 59x. Verse Writing. Two hours credit. Culmsee.
65. Recent Drama. Three hours credit. Pardoe.
- 76x. Tennyson. Three hours credit. Mrs. Jensen.
- 86-1x. The Poetry of Robert Browning. Three hours credit. Mrs. Jensen.
- 86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

#### Finance and Banking

51. Business Finance. Four hours credit. Clark.
52. Continuation of 51. Four hours credit. Clark.
53. Money and Banking. Four hours credit. Clark.
54. Investments. Four hours credit. Clark.

#### Geology and Geography

1. Survey Course. Four hours credit. Hansen.
21. Weather and Climate. Four hours credit. Hales.
30. Geography of Economic Products. Five hours credit. Coffman.
80. Human Geography. Three hours credit. Hansen.

#### History

- 1x. History of Modern Europe, 1500-1680. Three hours credit. Snow.
- 2x. History of Modern Europe, 1680-1815. Continuation of course 1. Three hours credit. Snow.
- 3x. History of Modern Europe, 1815 to Present Time. Three hours credit. Snow.
- 10x or 11x. History of England. Three or six hours credit. Wilson.
- 18x or 51x. History of Civilization. Five hours credit. Snow.

- 20, 21, 22. **American History.** Nine hours credit. Jensen.  
54x. **Greek History.** Three hours credit. Sperry.

### Home Economics

- 10x. **Elementary Nutrition.** Two hours credit. Barlow.  
80. **Household Administration.** Three hours credit. Warnick.

### Journalism

- 2x. **Newswriting.** Three hours credit. Culmsee.  
52x. **Feature Writing.** Three hours credit. Culmsee.  
57. **Short Story Writing.** Two hours credit. Merrill.

### Marketing

57. **Principles of Marketing.** Three hours credit.  
58. **Principles of Merchandising.** Three hours credit.  
59. **Principles of Advertising.** Three hours credit.

### Mathematics

11. **College Algebra.** Five hours credit. Marshall.  
12. **Plane and Spherical Trigonometry.** Five hours credit. Marshall.  
49. **Analytic Geometry.** Five hours credit. Hales.  
50. **Differential Calculus.** Four hours credit. Hales.  
51. **Integral Calculus.** Four hours credit. Hales.

### German

- 13x. **Directed German Reading.** Three hours credit. Prerequisite, ten hours of German. De Jong.  
57x, 58x, 59x. **Directed German Reading.** Three hours credit for each course. Prerequisite, fifteen hours of German. De Jong.  
67x. **German Composition.** Three hours credit. Prerequisite, eighteen hours of German. De Jong.

### French

- 3x. **Directed French Reading.** Three hours credit. Prerequisite, ten hours of French. Cummings.  
57x, 58x, 59x. **Directed French Reading.** Three hours credit for

each course. Prerequisite, fifteen hours of French. Cummings.

- 67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

### Spanish

13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.

57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.

- 67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

### Music

81x, 82x, 83x. History of Music. Six hours credit. Madsen.

### Physical Education

94. Tests and Measurements in Physical Education. Three credit hours. Hart.

### Physics

16. Descriptive Astronomy. Four hours credit. Hales.

21. Meterology. Four hours credit. Hales.

### Psychology

10. Study Habits and Mental Hygiene. Two hours credit. Poulson.

11. General Psychology. Five hours credit. Poulson.

21. Elementary Educational Psychology. Three hours credit. Dusenberry.

64. Applied Psychology. Four hours credit. Poulson.

74. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of Elementary Psychology.

### Religious Education

3x. Church History. Two hours credit. Wilson.

4. Literature of the Bible. Two hours credit. Merrill.

14. Genealogy. Two hours credit. Sudweeks.

19. Doctrine and Missionary Method. Two hours credit. Ivins.

20. **History of Religious Propaganda.** Two hours credit. Ivins.  
66, 67. **Old Testament History.** Two or four hours credit. Martin.  
77, 78, 79. **Scout Leadership.** Six hours credit. Anderson.

### Sociology

- 11-12 or 55-56. **Elementary Principles of Sociology.** Six hours credit. Christensen.  
53. **Rural Sociology.** Three hours credit.

### Speech

1. **Public Speaking.** Three hours credit. Pardoe.  
51. **Advanced Public Speaking.** Three hours credit. Pardoe.  
72. **Theory of Play Production.** Three hours credit. Morley.  
91. **Methods of Teaching Speech.** Three hours credit. Morley.  
95. **Speech Correction.** Three hours credit. Morley.

### Zoology and Entomology

20. **Health Education.** Three hours credit. Hayward.  
32. **Insect Classification.** Credit to be arranged. Tanner.  
32x. **Apiculture.** Three hours credit. Wakefield.  
75. **History of Zoology.** Three hours credit. Tanner.  
79. **Eugenics.** Three hours credit. Tanner.  
93. **Field Zoology.** Credit to be arranged. Tanner.

## HIGH SCHOOL COURSES

### English

- d. **A Study of the Types of Literature.** One unit credit.

### Geography

- a. **Economic Geography.** One unit credit. Coffman.

### Mathematics

- a. **High School Algebra.** One unit credit. Marshall.  
b. **Plane Geometry.** One unit credit. Coffman.  
c. **Second Course in Algebra.** One unit credit. Marshall.  
d. **Solid Geometry.** One-half unit credit. Marshall.

## Training Schools

AMOS N. MERRILL, Acting Dean of College of Education  
EDGAR M. JENSEN, Director, Training Schools

### Supervisors

A. N. MERRILL, Secondary Training  
EDGAR M. JENSEN, Secondary Training  
A. C. LAMBERT, Secondary Training  
W. H. BOYLE, Secondary Training  
G. L. WOOLF, Secondary Training.  
HERMESE PETERSON, Elementary Training  
REUBEN D. LAW, Elementary Training

### Secondary School Faculty

G. L. WOOLF, Principal, French, Civics, Theology  
C. LAVOIR JENSEN, Mathematics  
W. ELMO COFFMAN, Geography and Physics  
HUGH W. PETERSON, Science  
STELLA P. RICH, English, Theology  
WM. H. BOYLE, Economics and Sociology  
BILLIE HOLLINGSHEAD, Social Science  
WILFORD D. LEE, English, Theology  
THOMAS BROADBENT, German, English, Social Science, Theology  
ANTONE NISSON, Science, Mathematics  
EVAN CROFT, Office Practice  
C. J. HART, Physical Education Critic Teacher  
DAVID CROWTON, Physical Education, Coach  
LEONA HOLBROOK, Music.  
DEARWYN SARDONI, Music.  
VERLA BIRRELL, Art  
PERCIVAL BIGELOW, Shop Work  
WILLIAM H. SNELL, Shop Work and Mechanical Drawing  
MORRIS CLINGER, Speech  
MAY BILLINGS, Sewing

**Elementary School Faculty**

**HERMESE PETERSON**, Principal  
**JOSEPHINE M. STRONG**, Kindergarten  
**MAY C. HAMMOND**, First Grade  
**LOLA C. JENSEN**, Second Grade  
**FLORA FISHER**, Third Grade  
**GLADYS KOTTER**, Fourth Grade  
**GEORGIA MAESER**, Fifth Grade  
**L. ELLIOTT TUTTLE**, Sixth Grade

**ORGANIZATION AND PURPOSE**

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum. In addition, provisions are made for moral and religious training every year the student is in attendance.

**ELEMENTARY TRAINING SCHOOL**

The elementary training school covers the range from the kindergarten through the first six grades.

The enrollment in this department is limited to the number of pupils who can be adequately cared for in each grade. Priority of application is the basis upon which students are enrolled.

A staff of especially well-qualified instructors, with the facilities offered by the university and the assistance given by student teachers and special instructors provides wide range of experience for the children. Much attention is given to individual needs and interests and to the development of special abilities. The aim is to exhibit as completely as possible a pattern of a modern progressive school in action.

This department serves as a laboratory in modern school practice for the training of student teachers in the field of elementary education, and for the testing of current educational theory.

### JUNIOR HIGH SCHOOL

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins, permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and toward graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

### SENIOR HIGH SCHOOL

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work with the exception of algebra and foreign languages, must be secured in Senior High School and must include all the constants prescribed.

### AIMS AND REGULATIONS

It is the purpose of the high school to develop in its students, habits of regularity, punctuality and industry. Willing and serious application to the tasks at hand is considered of fundamental importance in meeting life situations. It is the aim of the school to have students work vigorously during the day in order to develop the above qualities and to minimize home preparation of lessons. To achieve these aims, the following regulations apply to those enrolled:

(1) Students are accountable to the school for all their time during the school day, except the noon hour, from 8:30 A. M. until 3:30 in the afternoon, provided no classes are held after that time. Permission should be obtained from the principal and teachers in case students are required to leave the school at any time during the day. Such permission should be obtained prior to departure. Attendance at study sessions is as obligatory upon the student as are class recitations.

(2) All L. D. S. students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

(3) Students are required to take the regulation courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation.

### High School Activities

Under the direction of the faculty and the student body organization, an adequate program of athletic and social activities is provided for the junior and senior high school students.

All high school groups have regular social gatherings and recreational activities under faculty supervision and guidance. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a dramatic or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

### Credit

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit.

Students who register late or who discontinue before the end of the school year or miss a portion of their work during the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

## SECONDARY TRAINING SCHOOL CURRICULUM

### Junior High School

#### 7th Grade Subjects

Constants: Religion Class Physical Education, English I, Geography, Mathematics I, Music, Reading, Domestic Science and Art, and Study Periods.

Electives: Art, Orchestra.

**8th Grade  
Subjects**

Constants: Religion Class, Physical Education, English II, General Science, History, Mathematics II, Music, Reading, and Study Periods.

Electives: Art, Orchestra.

**9th Grade  
Subjects**

Constants: Religion Class, Physical Education, English, Biology, Community Civics.

Electives: Art, Algebra, Chorus, Domestic Science, Domestic Art, Orchestra, Shop, and Theory of Music.

**Senior High School**

Students desiring to graduate from the B. Y. U. High School and to qualify for college entrance at the same time, are required to register for the following courses:

Grade X. English B, Theology B, Physical Education.

Grade XI. English C,\* Theology C, Physical Education.

Grade XII. Sociology and Economics, Theology D, Physical Education.

Sometime during Senior High School: Algebra (unless taken in grade IX) or Geometry, American History or European History, Physics or Chemistry.

Special courses may be planned for those high school students who do not intend to be officially graduated from high school or who do not intend to go to college.

**Senior High School Courses**

Subject	Days		Year Taken	Credit
<b>Art</b>				
Art	2	Elective	10 to 12	½ unit
<b>Business</b>				
Accounting-Elem.	5	Elective	10 to 12	1 unit
Accounting-Adv.	5	Elective	11 to 12	1 unit
Shorthand	5	Elective	11 to 12	1 unit
Typewriting, Elem.	5	Elective	10 to 12	½ unit
Typewriting, Adv.	5	Elective	10 to 12	½ unit

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\*Under special conditions approved by the principal, English D may be substituted for English C.

Subject	Days		Year Taken	Credit
<b>English</b>				
Composition, Literature and Grammar	5	Constant	11	1 unit
Grammar and Literature	5	Constant	10	1 unit
Literature	5	Elective	10 to 12	1 unit
<b>Home Economics</b>				
Dressmaking	5	Elective	10 to 12	$\frac{1}{4}$ unit
Homemaking	5	Elective	10 to 12	$\frac{1}{2}$ unit
<b>Language</b>				
French A or B	5	Elective	10 to 12	1 unit
Latin A	5	Elective	10 to 12	1 unit
German A or B	5	Elective	10 to 12	1 unit
<b>Mathematics</b>				
Algebra*	5	Elective	10 to 12	1 unit
Geometry*	5	Elective	10 to 12	1 unit
Arithmetic (Bus.)	5	Elective	10 to 12	1 unit
<b>Music</b>				
Chorus	4	Elective	10 to 12	$\frac{1}{4}$ unit
Orchestra	3	Elective	10 to 12	$\frac{1}{4}$ unit
Theory of Music	3	Elective	10 to 12	$\frac{1}{4}$ unit
<b>Physical Education</b>				
Physical Ed. (Girls)		Constant	9 to 12	$\frac{1}{4}$ unit
Physical Ed. (Boys)		Constant	9 to 12	$\frac{1}{4}$ unit
<b>Religious Education</b>				
Theology B	3	Constant	10	$\frac{1}{2}$ unit
Theology C	3	Constant	11	$\frac{1}{2}$ unit
Theology D	3	Constant	12	$\frac{1}{2}$ unit
<b>Science</b>				
Physics*	5	Elective	10 to 12	1 unit
Physiology (1 sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
Chemistry*	5	Elective	10 to 12	1 unit
Botany (1 sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
<b>Shop</b>				
Auto Mechanics	5	Elective	10 to 12	$\frac{1}{2}$ unit
Drafting A or B	5	Elective	10 to 12	$\frac{1}{2}$ unit
Woodwork A or B	5	Elective	10 to 12	$\frac{1}{2}$ unit

\*These subjects are only partially elective as either one or the other in each group must be taken.

Subject	Days		Year Taken	Credit
<b>Social Science</b>				
American History*	5	Elective	10 to 12	1 unit
European History*	5	Elective	10 to 12	1 unit
Economics and Sociology	5	Constant	10 to 12	1 unit
Geography	5	Elective	10 to 12	1 unit
Psychology (each sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
<b>Speech</b>				
Dramatic Art	5	Elective	10 to 12	$\frac{1}{2}$ unit
Public Speaking	5	Elective	10 to 12	$\frac{1}{2}$ unit

\*These subjects are only partially elective as either one or the other in each group must be taken.

# Graduates 1937-38

## MASTER DEGREES

### Master of Arts

DIXON, HOWARD BANKS .....	Provo
A. B. Degree, Brigham Young University, 1936.	
Major: Geology.	
Thesis: The Building and Monumental Stones of the State of Utah.	
JARVIS, GEORGE ALBERT .....	St. George
A. B. Degree, Brigham Young University, 1937.	
Major: Physics.	
Thesis: Subsidence in the Earth's Atmosphere Accompanying the Anti-Cyclone Over the United States, November 20-25, 1937.	
MARTINEAU, JUNE .....	Pocatello, Idaho
A. B. Degree, Brigham Young University, 1937.	
Major: English.	
Thesis: Intellectual and Emotional Conflicts in the Poetry of Matthew Arnold.	
RICHARDSON, EDMUND ARLO .....	Provo
A. B. Degree, Brigham Young University, 1936.	
Major: Physics.	
Thesis: Reliability of Various Film Speed Ratings in Determining Correct Exposure.	
SORENSEN, ALLEN B. ....	Ogden
A. B. Degree, Brigham Young University, 1935.	
Major: English.	
Thesis: Some Observations on the Grammar in Sir Thomas Elyot's "The Castel of Helth."	
SWENSON, ALBERT DONALD .....	Provo
A. B. Degree, Brigham Young University, 1937.	
Major: Chemistry.	
Thesis: Studies on the Citric Acid Fermentation.	

### Master of Science

BUTT, NEWBURN ISAAC .....	Provo
B. S. Degree, Utah State Agricultural College, 1915.	
Major: Agronomy.	
Thesis: The Soil Factor in Early Mormon Colonization.	
DEAN, HARRY ARNOLD .....	Ephraim
B. S. Degree, Brigham Young University, 1933.	
Major: Theory of Music.	
Thesis: A. C. Smyth and His Influence Upon the Music of Central Utah.	

EAGAR, DAVID R.	Mammoth
B. S. Degree, Brigham Young University, 1925.	
Major: Education.	
Thesis: Distribution and Status of 334 Graduates of the Tintic High School, Utah.	
JONES, EL ROY	Price
B. S. Degree, Brigham Young University, 1936.	
Major: Education.	
Thesis: Utilization of Instructional Space in Secondary School Buildings in Certain Districts in Utah.	
LAMBERT, THERON	Roosevelt
B. S. Degree, Brigham Young University, 1936.	
Major: Physics.	
Thesis: Factors That Influence the Fading of Radio Signals from Broadcasting Stations.	
MERRILL, VERNON NEWLOVE	Price
B. S. Degree, Brigham Young University, 1929.	
Major: Education.	
Thesis: The Present Status of First Aid in the Utah High Schools and a Suggested Course of Study for Its Further Advancement.	
PERKINS, C. BLAINE	Price
B. S. Degree, Brigham Young University, 1937.	
Major: Economics.	
Thesis: Changes in School Revenue and in the Amounts of Money Devoted to Teachers' Salaries and Capital Outlay and Debt Service in Utah School Districts from 1926 to 1937.	
PETERSEN, H. LESTER	Rexburg, Idaho
B. S. Degree, University of Utah, 1930.	
Major: Religious Education.	
Thesis: "The Magnitude of the Fast Offerings Paid in the Stakes of the Church of Jesus Christ of Latter-day Saints, 1916-1936 Inclusive."	
PETERSON, L. ELMER	Ogden
B. S. Degree, Brigham Young University, 1930.	
Major: Religious Education.	
Thesis: The Character of Joseph Smith as Revealed in His Daily Journal.	
STEVENS, G. SYLVAN	Provo
B. S. Degree, Brigham Young University, 1935.	
Major: Bacteriology.	
Thesis: Associative and Antagonistic Action of Some Soil Fungi.	
STOKES, WILLIAM LEE	Cleveland
B. S. Degree, Brigham Young University, 1937.	
Major: Geology.	
Thesis: Lithology and Stratigraphy of the Red Plateau, Emery County, Utah.	

VEST, H. GRANT ..... American Fork  
 B. S. Degree, Brigham Young University, 1933.  
 Major: Religious Education.  
 Thesis: The Problem of Isaiah in the Book of Mormon.

### BACHELOR DEGRESS

#### COLLEGE OF APPLIED SCIENCE

##### A. B. Degree

Buggert, Anneliese Flora .....	Provo
Cannon, Jean Grant .....	Salt Lake City
Morris, Rachel B. ....	Provo
Smeath, George H. ....	Salt Lake City

##### B. S. Degree

Allred, Aaron Fullmer .....	Lehi
Ashby, Bonna.....	American Fork
Bahr, A. Francis.....	Provo
Beck, Jennie .....	Monroe
Cooper, Garnet Green.....	McCammon, Idaho
Dennis, Elvin J. ....	Roosevelt
Dunford, G. Osmond.....	Paris, Idaho
Eyring, Jeneveve.....	Pima, Arizona
Fietkau, L. Ross .....	Boneta
Finlayson, Lela .....	Provo
Garner, Hazel A. ....	Ogden
Gillespie, Gerald C. ....	Tooele
Hacking, Lola.....	Cedar Valley
Hacking, Maurine.....	Cedar Valley
Hales, Belle Wilson .....	Provo
Harris, Charles D. ....	Pleasant Grove
Harston, Clarence B. ....	Cowley, Wyoming
Holdaway, Clyde Amos .....	Provo
Kjar, Maurine .....	Manti
Marchant, Moroni A. ....	Peoa
Martin, James Paxman .....	Provo
Maxwell, Lin V. ....	Eagar, Arizona
Menzies, Lila .....	Provo
Moon, Dora .....	Hanna
Nance, Lu Dema.....	Idaho Falls, Idaho
Oldroyd, Golden Chas. ....	Fountain Green
Olsen, Anna .....	Provo
Olsen, Dean E. ....	Provo
Palfreyman, Warwick C. ....	Springville
Pierce, Myrle Stillman.....	Salt Lake City
Powelson, Fred D. ....	Provo
Rogers, Beatrice.....	Snowflake, Arizona
Russell, Louise .....	Springville
Starley, Rae .....	Delta

Stucki, J. Wendell .....	Paris, Idaho
Wadley, Lucy Mary .....	Pleasant Grove
White, Nina.....	Pleasant Grove

## COLLEGE OF ARTS AND SCIENCES

## A. B. Degree

Alder, Ralph J. ....	Provo
Allred, Kenneth Rulon.....	Cardston, Alberta, Canada
Anderson, Stephen Dwight.....	Richfield
Barney, Florence.....	Safford, Arizona
Bee, James William.....	Provo
Blumell, Richard Emerson.....	Magrath, Alberta, Canada
Bown, M. Duane .....	Provo
Christensen, Horace Jones.....	Provo
Cummings, Richard F. ....	Provo
Dabb, Ralph Francis.....	Harrisville
Davis, Chester G. ....	Troy, Ohio
Decker, Freda S. ....	Snowflake, Arizona
Galway, Desma Hall.....	Panaca, Nevada
Hales, James Vern.....	Provo
Hamblin, Lawson .....	Greenbelt, Maryland
Hoover, Roland Lamar.....	Park City
Johnson, Steve B. ....	Marysville
Kelly, Ralph Sanford.....	St. Anthony, Idaho
Krueger, Beth Marie.....	Spanish Fork
Larsen, Herbert Ray.....	Heyburn, Idaho
Larsen, Ronald F. ....	Provo
LeBeau, Boneta E.....	Roosevelt
Lee, Harold W. ....	Cardston, Alberta, Canada
Miller, A. Woodruff.....	St. Anthony, Idaho
Miner, Delbert Lamar.....	Provo
Miner, Harriett .....	Springville
Pace, Joseph Leon.....	Provo
Pace, Pauline .....	Boneta
Partridge, Louise Richards.....	New York, New York
Perry, Rolland .....	Provo
Peterson, Narvin Wayne.....	Hill Spring, Alberta, Canada
Robertson, James Allen.....	Spanish Fork
Royle, Homer F. ....	Lehi
Rupper, John Heber.....	Provo
Smith, Oliver Rollin.....	Palmyra, New York
Stoker, Florence.....	Spanish Fork
Strebel, George L. ....	Provo
Westover, Maxine.....	American Fork
Wheelwright, Max .....	Ogden
Winterton, LaPreal .....	Provo
Youkstetter, Pearl Irene.....	Huntington Park, California

## B. S. Degree

Aldrich, Clair M.	Mount Pleasant
Allred, Charles McKay	Provo
Anderson, Jesse Ivan	Junction
Bailey, Thell A.	Sanford, Colorado
Bartholomew, Glenn Levi	Ephraim
Bartholomew, Virga	Springville
Cowley, Jessie	Venice
Giddings, Crandall B.	American Fork
Hanchett, Hughes Byron	Provo
Hansen, Theressa Mary	Provo
Heiner, H. Bartley	McKinnon, Wyoming
Henderson, Erwin C.	Provo
Hodgson, Roland	Newdale, Idaho
Holman, Lenna	Manassa, Colorado
Hutchings, Brian LaMar	Midvale
Jacob, Miltin E.	Provo
Jensen, J. Seymour	Mount Pleasant
Lambert, Carlyle Ballif	Provo
Lees, Thelma Irene	Los Angeles, California
McKenzie, William Howard	Springville
Moe, Edward Owen	Provo
Mower, Harold Jerome	Provo
Nelson, Leona Ruby	Elberta
Olsen, H. Lowell	Provo
Olsen, Sterling Robertson	Spanish Fork
Redd, Shirley	Provo
Reid, Ray Lorenzo	St. George
Sorenson, Ferril M.	Spring City
Staker, Flossie R.	Mount Pleasant
Thomas, Rex T.	Provo
Way, John Willis	Ogden
Woodruff, Alice Ruth	Salt Lake City

## COLLEGE OF COMMERCE

## A. B. Degree

Boyack, Dean C.	Delta
Hart, Eldon Charles	Ogden
Holt, Grant Robert	Provo
Lewis, John Dean	Provo
Neville, Sherrill W.	Salt Lake City
Pierce, Merlin Done	El Paso, Texas
Smith, Hyrum Jenkins	Salt Lake City
Soffe, Darrel David	Sandy
Stevens, Orin Richard	Provo

## B. S. Degree

Anderson, Loren Glade	Spanish Fork
Arnold, Oscar Frost	Coalville

Aycock, Mulford H.	Vernal
Bowen, Mark David	Spanish Fork
Bowen, Wayne Larsen	Spanish Fork
Boyack, Bert Albert	Spanish Fork
Cahoon, ReRaunz Alder	Leavitt, Alberta, Canada
Callan, Mary	Preston, Idaho
Canning, Alfred	Midvale
Cloward, R. Dell	Monroe
Crandall, Sterling M.	Springville
Crosby, Samuel Wallace	St. George
Earl, Grant Clarence	Ogden
Fugal, Neil Y.	Pleasant Grove
Gardner, Evan Glazier	Delta
Gardner, Wallace Henry	Spanish Fork
Gay, Grant Venoy	Joseph
Griffith, Elmer	Midvale
Gulbrandson, William N.	Huntington Park, California
Gurney, J. Ferrin	Provo
Hacking, Leo Edwin	Vernal
Howe, William S.	Provo
Huber, Robert E.	Payson
Hughes, Reed Gardner	Spanish Fork
Kocherhans, Lavor Perry	Provo
Lambert, James Everard	Provo
Larsen, Harold S.	Sandy
Lundquist, Earl B.	Ogden
May, Chester Harris	Rupert, Idaho
McEwan, Joseph Woodruff	Salt Lake City
Miner, Fred Reid	Magna
Mower, Orson W.	Ogden
Newey, Ernest Newton	Ogden
Olson, C. Garth	Payson
Peterson, Dean Andrew	Mount Pleasant
Peterson, Thomas C.	Provo
Pickup, Clair B.	Vernal
Rich, Lewis Rawle	Morgan
Rigby, Avard A.	Hinckley
Schofield, Jay D.	New York, New York
Snow, Gordon Whittaker	Provo
Swenson, Frank Isaac	Spanish Fork
Van Wagenen, Dean Eugene	Provo
Whitaker, George W.	Provo

## COLLEGE OF EDUCATION

## A. B. Degree

Gibb, Rulon	Magrath, Alberta, Canada
Marsh, Edith	Alpine City
Peterson, Leland Dean	Hill Spring, Alberta, Canada
Wilske, Emil	American Falls, Idaho

## B. S. Degree

Adams, Delilah Booth.....	Provo
Alleman, Jane .....	Springville
Anderson, Mark Kermit.....	Junction
Ballard, Virgil.....	Victor, Idaho
Beck, Woodrow Wilson.....	Centerfield
Beckstead, Oral Alice.....	Midvale
Black, Gus Porter.....	Salt Lake City
Brandley, Helen Bertha.....	Stirling, Alberta, Canada
Brimhall, Elaine.....	Huntington Park, California
Brown, Joseph Jerome.....	Payson
Carling, Otis G.....	Fillmore
Chadwick, Laura .....	Ogden
Christensen, Rex Lorenzo.....	Ephraim
Clark, Lynn Osborn.....	Lynn
Clarke, Alva John.....	Magrath, Alberta, Canada
Collins, Eldred Reed.....	Provo
Colvin, Orlin G.....	Short Creek, Arizona
Cooper, Mary Leone.....	Pleasant Grove
Cope, Melba .....	Richfield
Cox, LaRue.....	St. George
Crowton, David MacGillivary.....	Provo
Dowdle, Robert Max.....	Springville
Edmunds, Esther O.....	Provo
Ekloff, Genevieve S.....	Eureka
Farnes, June Pearl.....	Twin Bridges, Montana
Fuller, Livonia W.....	Mount Pleasant
Golding, Lawrence Branch .....	Price
Gourley, George.....	Pleasant Grove
Greenwood, Ella Irene.....	Sandy
Greer, Grant .....	Wallsburg
Hicken, Orson Beck.....	Heber City
Hilton, Sadie Effie.....	Rexburg, Idaho
Hinchcliff, Mary .....	Ogden
Hodson, Afton .....	Provo
Hodson, Elcee Law.....	Delta
Jackson, Norma .....	Provo
Jensen, Ray Oliver.....	Manassa, Colorado
Johnson, LaVell F.....	Provo
Johnston, Helen Marbra.....	Provo
Jones, Andrew J.....	Tabiona
Jones, Sara.....	Malad City, Idaho
Jorgenson, Everett Mylo.....	Peoa
Kump, LaVar .....	Provo
Langston, Grant .....	Rockville
Larsen, Celia G. ....	Provo
Lloyd, Vaughn .....	Riverton

Lodge, Patricia .....	Tooele
Markham, Mae .....	Spanish Fork
McCullough, Barbara Wilmetta.....	Ouray, Colorado
McDougal, James Lorin.....	Campbellsport, Wisconsin
Mines, Herman Gayle.....	Murray
Mitchell, L. William.....	Provo
Montgomery, Linnie Louise.....	Corpus Christi, Texas
Morgan, Ralph John.....	Spanish Fork
Murphy, Thelma Sanderson.....	Provo
Murri, Lois Elda.....	St. Anthony, Idaho
Olsen, Crista.....	Spanish Fork
Peacock, Weltha .....	Ogden
Peterson, Josephine P. ....	Mount Pleasant
Prior, David.....	Spanish Fork
Rasband, Lincoln A.....	Heber City
Rasmussen, Verda.....	Mount Pleasant
Rasmusson, Audrey Jane.....	Provo
Riska, W. Drews.....	Sandy
Roberts, Melvin John.....	Rupert, Idaho
Rollins, J. Leslie.....	Lyman, Wyoming
Rowe, Paul William.....	McCammon, Idaho
Shanks, Ednal.....	Wells, Nevada
Sharp, George Ariel.....	Murray
Simmons, Donald M. ....	Payson
Smith, Ada .....	Springville
Smith, LeRoy W. ....	Pleasant Grove
Smyth, Alice.....	Fountain Green
Soderquist, Oscar E. ....	Ferron
Soffe, Wayne .....	Midvale
Spalding, Alta June.....	Provo
Stewart, Loris Wayne.....	Provo
Stout, Helen Beth.....	Moab
Strickler, Fredonna H. ....	Ogden
Sutton, Helen Kathleen.....	Provo
Sutton, Virginia Frances.....	Provo
Tea, LeGrande .....	Riverton
Thaxton, Olive .....	Riverton
Thomas, Dan .....	Ogden
Thursby, Zada Vlear.....	Ephraim
Todd, Alice.....	Denver, Colorado
Tuttle, Lawrence Elliott.....	Provo
Wakefield, G. Bruce.....	Salt Lake City
Walsh, Reed H. ....	Farmington
Wangsgard, Shirlie .....	Ogden
Wall, Jason Alonzo.....	Payson
Warner, Meldon Newell.....	Fillmore
Waspe, Ileen Ann.....	Salt Lake City
Watts, Stanley Howard.....	Murray
Wight, David Osborn.....	Provo
Wrathall, Irene .....	Grantsville

## COLLEGE OF FINE ARTS

## A. B. Degree

Alsop, Harold Deane.....	Murray
Anderson, Ted Leon.....	Ephraim
Anderson, Rae.....	Mount Pleasant
Barton, Louise.....	Mount Pleasant
Clark, Harry William, Jr. ....	Helper
Eddington, Roslyn Anne.....	Springville
Gardner, Merline.....	American Fork
Gleason, Nadine .....	Hiawatha
Hardy, Jean Lenore.....	Great Falls, Montana
Hennefer, Jay Fisher.....	Layton
Horr, Ruth L. ....	Grand Junction, Colorado
Isbell, Dean J. ....	Richfield
Jacobs, Madge Arnold.....	Provo
Kirkham, Ralph Nathen.....	Provo
Murdock, Maurine .....	Provo
Newcomer, Vincent K. ....	Morgan
Olsen, Georgia .....	Fairview
Powell, Verdi Taylor.....	Ogden
Rawlinson, Charles Harvey.....	Delta
Riggs, Mary Veon.....	Vernon, Arizona
Rogers, Carleton Wayne.....	Garland
Sorensen, Bill Howard.....	Sandy
Sorenson, Sam Anders.....	Springville
Taylor, Nolan Riley.....	Ogden
Terry, Luther Lafayette.....	Provo
Wall, Ruth Almina.....	Randlett
Weight, Newell Bryan.....	Springville
Wilson, Marian .....	Ogden

## B. S. Degree

Britsch, Florence Todd.....	Provo
Davis, Vern Lee.....	Springville
Eitel, Leona .....	Ely, Nevada
Germer, Max .....	Deweystown
Hinckley, Ramona.....	Chicago, Illinois
Summers, Georgia Willis.....	Silver City

## THREE YEAR NORMAL DIPLOMAS

## College of Education

Anderson, Gertrude .....	Lehi
Anderson, Sylva Hope.....	Richfield
Anderson, Zola.....	Oak City
Bagley, Beth .....	Koosharem
Beach, Fern .....	Ferron
Beck, Margie .....	Centerfield

Benson, Hildreth .....	Parowan
Brian, Emma .....	Fremont
Brotherson, Thelma .....	Moroni
Brown, Mildred .....	Ogden
Brown, Vincent McEwan .....	Provo
Chamberlain, Hugh .....	Orderville
Christensen, TreVor .....	Ephraim
Christiansen, Madge .....	Elsinore
Coffin, Carma .....	St. Anthony, Idaho
Cooley, Jane .....	Salt Lake City
Curtis, Elda Ruth .....	Aurora
Day, Oneta Petersen .....	Pleasant Grove
Devey, Helen .....	American Fork
Gardner, Nita .....	Spanish Fork
Hacking, Florence Jane .....	Vernal
Haws, J. C. .....	Escalante
Hyland, Bernice .....	Hooper
Jensen, Helen A. .....	Manti
Johnson, Ethel .....	Ephraim
Johnson, Zola .....	Huntington
Jones, Dessie Emma .....	St. George
Jorgensen, Calva .....	Leota
Knudsen, Leola .....	Provo
Laye, Rhoda .....	Richfield
Luce, Willard Roy .....	Price
Lund, Hazel .....	Ephraim
Madsen, Thelma .....	Heber City
Marchant, Erma .....	Peoa
Marchant, Mary .....	Peoa
Mathis, Fae .....	New Harmony
McIntosh, Fern Florence .....	Mount Pleasant
Miller, George Lewis .....	Tremonton
Moffitt, Melba .....	Orangeville
Moody, Virginia .....	St. George
Moon, Marjorie .....	Hanna
Nelson, Marion .....	Springville
Nelson, Maurine .....	Springville
Newell, Clark .....	Mona
Peacock, Max J. .....	Orangeville
Prince, Virginia .....	St. George
Sampson, Stella .....	Delta
Skeem, Inez .....	Oasis
Snarr, Thelma .....	Murray
Sorensen, Dorothy .....	Manti
Spendlove, Viva .....	Hurricane
Tuft, Beth .....	Monroe
Wilkins, Madelyn .....	Mountain Home
Willardson, Pearl .....	Ephraim
Witbeck, Olive E. .....	Roosevelt
Wycherly, Gaylen Loyd .....	Hiawatha

## GRADUATES WITH HIGH HONORS

Bartholomew, Vergie	LeBeau, Bonita
Bown, M. Duane	Lee, Harold W.
Buggert, Anneliese	Martin, James P.
Christensen, Horace J.	Moe, Edward O.
Decker Freda	Olsen, H. Lowell
Dowdle, Robert Max	Perry, Rolland
Garner, Hazel A.	Sharp, George A.
Giddings, Crandall	Starley, Rae
Hales, James Vern	Waspe, Ileen A.
Horr, Ruth L.	Winterton, LaPreal

## GRADUATES WITH HONORS

Anderson, Mark K.	Krueger, Beth
Ashby, Bonna	Langston, Grant
Ballard, Virgil	Larsen, Celie G.
Black, Gus	Menzies, Lila
Blumell, Richard E.	Murdock, Maurine
Brimhall, Elaine	Newcomer, Vincent
Greenwood, Ella	Palfreyman, Warwick
Harston, Clarence B.	Wadley, Lucy M.
Henderson, Erwin	Weight, Newell B.
Hutchings, Brian L.	

# Enrollment of Students

1936-37

In the following list "A" stands for arts and science; "ap" for applied science; "C" for commerce; "e" for education; "fa" for fine arts; "G" for graduate; "ss" for summer school; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Abbott, Myron Lane, ap-So....	Hinckley	Allred, Kenneth Rulon, ss.....	
Acord, Irma, e-ss .....	Provo	Cardston, Alta., Canada	
Adams, Buyrlie Hibbert, G-ss....	Parowan	Allred, Loa, ss.....	Spring City
Adams, Carolyn, A-F....	Spanish Fork	Allred, Lulu Cram, ss.....	Delta
Adams, Claude, G-ss.....	Panguitch	Allred, Lydia, e-J.....	Provo
Adams, Delilah Booth, e-Sp.....	Provo	Allred, Mark E., e-J.....	Lehi
Adams, Dezzie, C-so....	Pleasant Grove	Allred, R. Clay, ap-Sp....	Salt Lake City
Adams, Garda, e-Sp.....	Blanding	Allred, Sheldon S., ss.....	Mt. Pleasant
Adams, Helen, C-F.....	Parowan	Alsop, Harold Deane, fa-S.....	Murray
Adams, Joan, fa-F.....	Pleasant Grove	Allman, Verl Phillips, C-F.....	Provo
Adams, Loraine Seegmiller, fa-So		Andelin, Aubrey Passey, C-F.....	Idaho Falls, Idaho
	Midvale	Anderson, Aleene, e-So.....	Elsinore
Adamson, Nellie R., e-ss.....	Pleasant Grove	Anderson, Beth, e-Un.....	Springville
Ahlander, J. Fred, C-So.....	Provo	Anderson, Blaine E., ss.....	Mayfield
Albrecht, Nila, e-F.....	Fremont	Anderson, Chester C., A-So.....	
Alder, Doris, C-So.....	Provo	McKinnon, Wyoming	
Alder, Ralph J., A-S.....	Provo	Anderson, Clara, e-F.....	Oak City
Aldrich, Clair M., Sp.....	Mt. Pleasant	Anderson, DeVon, e-So.....	Orangeville
Alexander, Wilda Billie, C-So....	Vernal	Anderson, Don, C-J.....	Springville
Allan, Somuel Loraine, A-S.....		Anderson, Don Howard, A-F.....	Mt. Pleasant
	Springville	Anderson, Stephen Dwight, A-S.....	Richfield
Alldredge, Leona Ethel, ss.....	Mesa, Arizona	Anderson, Evan Roy, e-ss.....	Ephraim
Alleman, Grant Edward, C-F.....	Springville	Anderson, George M., G-ss.....	Moroni
Alleman, Jane, ss .....	Springville	Anderson H. Doyle, A-F.....	Oak City
Alleman, LaRae, ap-So.....	Springville	Anderson, Hazel, fa-So.....	Spanish Fork
Allen, Edward, e-J.....	Salt Lake City	Anderson, Ingrid, ss.....	Blackfoot, Idaho
Allen, Glen, A-F.....	Provo	Anderson, Jack, A-F.....	Richfield
Allen, Glenn Lewis, A-So .....	Provo	Anderson, Jesse Ivan, A-S....	Junction
Allen, R. Scott, A-J.....	Provo	Anderson, Lapriel Arlene, ap-F.....	Salt Lake City
Allen, Verle, e-J....	Las Vegas, Nevada	Anderson, Effie Lila, A-F.....	Provo
Allred, Aaron Fullmer, ap-S.....	Lehi	Anderson, B. Elwood, C-So.....	Fayette
Allred, Alice, A-F....	Fountain Green	Anderson, Evan L., A-So.....	Spanish Fork
Allred, Anna, e-Sp.....		Anderson, Gertrude, e-J.....	Lehi
	Cardston, Alta., Canada	Anderson, Loren Glade, C-s.....	Spanish Fork
Allred, Arline Phyllis, ss.....	Lehi	Anderson, Keith Phillips, A-So.....	Spanish Fork
Allred, Beth, ap-So.....	Grand View	Anderson, Lynn Wallace, A-J.....	Marquette, Nebraska
Allred, Charles McKay, A-S.....	Provo	Anderson, Marguerite, C-F.....	
Allred, Darwin L., e-J.....	Spring City	Anderson, Majel, e-So.....	El Paso, Texas
Allred, Douglas Anderson, ss.....		Anderson, Marjorie Elin, C-F.....	Spanish Fork
	Cardston, Alta., Canada	Anderson, Mark Kermit, e-S....	Junction
Allred, Edith Aldrich, G-ss.....	Mt. Pleasant	Anderson, Martha, ss.....	Oak City
Allred, Edra, e-Sp.....	Spring City		
Allred, Elwood Byron, G.....			
Allred, Huitau, G.....	Lehi		
Allred, John Eldred, A-J.....	Talmage		
Allred, John G., A-F.....	Lehi		

Anderson, Mary, fa-J	Manti	Ballard, Dorothy, A-F	Draper
Anderson, Mont Russell, e-F	Bear River City	Ballard, Howard A., C-J	Draper
Anderson, Monta Wentz, G	Provo	Ballard, Robert Henroid, A-F	Draper
Anderson, Nida, e-F	Brigham City	Ballard, Virgil, e-S	Victor, Idaho
Anderson, Norvel, A-So	Park City	Balle, Bernice Hacking, G-ss	Glenwood
Anderson, Paul E., fa-F	Provo	Balle, Harry Reed, ss	Glenwood
Anderson, Ray, ss	Moroni	Balle, James Alton, G-ss	Loa
Anderson, Rae, fa-S	Mt. Pleasant	Balls, Florence Louise, C-So	.....
Anderson, H. Reese, G-ss	Mt. Pleasant	..... Soda Springs, Idaho	
Anderson, Renee, fa-Sp	Provo	Bandley, Louis Walter, C-Sp	Provo
Anderson, Ross S., C-So	Mt. Pleasant	Bandley, Marion Karl, C-S	Provo
Anderson, Sylva Hope, e-J	Richfield	Bangerter, William Grant, e-F	.....
Anderson, Ted Leon, fa-S	Ephraim	..... Salt Lake City	
Anderson, Zola, e-J	Oak City	Banks, Louise, fa-F	Pleasant Grove
Andrews, LeGrand, fa-F	Riverside, California	Barber, Voyle Bud, e-J	Provo
Andrews, Robert Bruce, A-So	Roosevelt	Barclay, Marie, C-So	Blackfoot, Idaho
Andrus, Alma, C-So	Spanish Fork	Barkdull, Lura Faye, e-F	.....
Andrus, A. Golden, G-ss	Bancroft, Idaho	..... Salt Lake City	
Andrus, Grant Munday, G-ss	Ucon, Idaho	Barkdull, Mary, e-So	Salt Lake City
Andrus, A. LaMar, e-J	Idaho Falls, Idaho	Barker, Nola, ap-Un	Brigham
Andrus, Wanda, e-J	Salt Lake City	Barnes, Alta Leona, ss	Wellington
Angel, Clifford Eugene, e-So	Roanoke, Virginia	Barnett, June Gilbert, fa-F	.....
Archibald, Keith Stallings, C-J	Rexburg, Idaho	..... Philadelphia, Pa.	
Arnold, Lewis Thayne, ap-So	Price	Barnett, Wilmer Lee, ss	Spanish Fork
Arnold, Oscar Frost, C-S	Coalville	Barney, Florence, A-S	.....
Asay, LeVon, A-Sp	Provo	..... Safford, Arizona	
Ashby, Bonna Susan, ap-S	American Fork	Barrett, Eva, G-ss	Logan
Ashby, Martha, fa-Sp	Spanish Fork	Barrett, Thom, A-J	Provo
Ashby, Robert Morrell, G	American Fork	Barrus, Virginia, e-So	Tooele
Ashcroft, Clarcia, G-ss	Ashcroft, Arizona	Bartholomew, Glen L., ss	Ephraim
Ashton, Lenora, e-F	Provo	Bartholomew, Victor, A-J	Fayette
Atwood, Dean Warnick, A-F	Pleasant Grove	Bartholomew, Virga, A-S	Springville
Atwood, Fred Smith, ap-F	Pleasant Grove	Barton, Gerald Blackett, A-J	.....
Avery, McKay, C-So	Venice	..... Springville	
Aycock, Kenneth, C-J	Vernal	Barton, June, e-F	Mt. Pleasant
Aycock, Mulford H., C-S	Vernal	Barton, Louise Emeretta, fa-S	.....
Ayers, Bessie, fa-J	Provo	..... Mt. Pleasant	
Bagley, Beth, e-J	Koosharem	Barton, Margaret, fa-F	Carey, Idaho
Bagley, Maida, A-J	Provo	Bascom, Earl Wesley, fa-Un	.....
Bahr, Albert Francis, ap-S	Provo	..... Raymond, Alberta, Canada	
Bahr, Lewis LaVern, ap-F	Idaho Falls, Idaho	Bastian, Elaine, e-F	White Rocks
Bailey, Gwenvier, ap-F	Monticello	Bateman, Fred Thomas, C-F	.....
Bailey, Lorraine, C-So	Spanish Fork	..... Salt Lake City	
Bailey, Thell A., A-S	Sanford, Colorado	Bateman, James LaVar, e-F	Riverton
Baird, Ida, C-F	Heber	Bateman, June B., ap-J	Rupert, Idaho
Baker, Alvin Henry, G-ss	Milford	Bateman, Max Gunn, C-J	.....
Baker, Gene LeRoy, A-Sp	Springville	..... Salt Lake City	
Baker, Hannah, e-F	Neola	Baxter, Hugh A., G-ss	Springville
Ball, A. Elden, C-J	Idaho Falls, Idaho	Baxter, Ruth, e-So	Springville
Ballantyne, Gordon Tracy, A-F	Baker, Oregon	Bayles, Morell B., A-F	Parowan
.....		Beach, Fern, e-J	Ferron
Beagley, Arthur Wallace, C-f	Spanish Fork	Beagle, Quentin, C-F	.....
Beal, George Leon, ss	Ephraim	Beal, Nellie Leo, C-J	Ephraim
Beal, Fay Marion, C-J	Provo	Bean, Fay Marion, C-J	Provo
Beard, Ralph Oliver, C-So	Provo	Beard, Ronald Leslie, A-So	.....
Beardall, Ronald Leslie, A-So	Springville	..... Spanish Fork	
Beatty, Quentin, C-F	Toquerville	Beck, Carol Mae, e-F	Payson
Beck, Clyde, A-J	Monroe	Beck, Jennie, ap-S	Monroe
Beck, Margie, e-J	Centerfield	Beck, Sidney Marion, A-F	American Fork
Beck, Sidney Marion, A-F	.....		

## BRIGHAM YOUNG UNIVERSITY

Beck, Ted Creer, A-So.....	Spanish Fork
Beck, Woodrow Wilson, e-S.....	
..... Centerfield	
Beckstead, Chad, e-J.....	Midvale
Beckstead, Oral Alice, ss.....	Midvale
Beckstrand, Evan A., A-So.....	Meadow
Beckstrand, Monte, C-So.....	Meadow
Bee, James, A-S.....	Provo
Bee, Joyce, A-F.....	Provo
Bee, June, A-F.....	Provo
Beeston, W. Boyd, A-So.....	Fillmore
Bell, George Beverly, fa-F.....	
..... Rockport, Mo.	
Bellows, Wayne F., C-F.....	Provo
Belnap, Margaret Ruth, ap-So.....	
..... Glenna's Ferry, Idaho	
Bench, Rees E., G-ss.....	Provo
Bennett, Helen, ap-F.....	Provo
Bennet, Leora, C-Sp.....	Holden
Bennett, Vance Wilson, A-J.....	Meadow
Bennion, Barbara, C-F.....	Salt Lake City
Bennion, Bernard Neville, A-So.....	
..... Butte, Alberta, Canada	
Benson, Hildreth, e-J.....	Parowan
Benson, Iva Jones, C-Sp.....	Provo
Benson, Scott Conrad, fa-J.....	
..... Gentry, Arkansas	
Benson, Stanton Floyd, C-F.....	
..... Moreland, Idaho	
Benson, Virginia, C-Sp.....	Ioka
Bergesen, Rosemane, e-F.....	
..... Silverton, Colorado	
Bergstrom, Jared E., G.....	Eureka
Berlin, Mildred, ss.....	Blackfoot, Idaho
Berlin, Ruth, e-J.....	Ogden
Berrett, Caroline K., ss.....	Duchesne
Berrett, Golden L., G-ss.....	Duchesne
Berrett, Lyman C., ap-So.....	Union
Berrett, Veda, ss.....	Ogden
Berry, Arda, ap-F.....	LeGrande, Oregon
Berry, Ruth Mildred, G-ss.....	Provo
Berry, Willis Edward, A-F.....	Park City
Bertelsen, Marie Emily, fa-F.....	
..... Marysville	
Bertin, James Conrad, C-F.....	Provo
Bertoncely, Molly Frances, ss.....	
..... Big Sandy, Wyoming	
Best, Stanley Earl, G-ss.....	Kamas
Betts, Kathryn, ss.....	Payson
Beyler, VeLoy, e-So.....	Malta, Idaho
Bezzant, Theda, ap-F.....	Pleasant Grove
Bigelow, Percival, A-Sp.....	Provo
Biddulph, Lowell George, G.....	Provo
Biddulph, Merrill, A-So.....	Provo
Biddulph, Reed, G.....	Provo
Biddulph, Ruth Hobson, G-ss.....	Provo
Bigelow, LaVell M., A-J.....	Provo
Bigelow, Lowell, C-F.....	Provo
Bigelow, Margaret, fa-Sp.....	Provo
Bingham, Bliss, e-So.....	Payson
Bingham, Earl Mark, A-F.....	Vernal
Bingham, Heber Glenn, ap-So.....	
..... Weston, Idaho	
Bingham, Kathryn, A-So.....	
..... Weston, Idaho	
Bingham, Ruth, A-F.....	Weston, Idaho
Binks, Sara Marie, fa-So.....	Springville
Bird, Forest Winson, A-J.....	
..... Sheridan, Wyoming	
Bird, George Ray, C-J.....	Springville
Bird, Hazel, A-F.....	Provo
Bird, Howard A., G-ss.....	Springville
Bird, J. Martell, C-So.....	Provo
Bird, Martha, fa-So.....	Provo
Bird, Robert Freeman, ap-J.....	Mapleton
Bjerregaard, Maxine, A-F.....	Provo
Black, Evelyn, e-So.....	Ferron
Black, George Karl, C-J.....	Provo
Black, Guss Porter, e-S.....	Salt Lake City
Black, Karl George, ss.....	Provo
Black, Mary, G-ss.....	Delta
Black, Nyta, e-F.....	Provo
Black, Ronald, e-So.....	Ferron
Black, Therel, e-J.....	Ferron
Black, Velma, e-F.....	Ferron
Black, Verna J., A-Sp.....	Provo
Blackmore, William, ap-J.....	
..... Cardston, Alberta, Canada	
Blad, Carl Hamblin, ap-F.....	
..... Panaca, Nevada	
Blackwell, Harry, G-ss.....	Pleasant Grove
Blair, James E., A-J.....	Provo
Blake, George Rowland, ss.....	Provo
Blake, Lawrence, ap-F.....	Murray
Bland, Alexander, A-F.....	
..... Taber, Alberta, Canada	
Blatter, Denver, A-Un.....	
..... Chinook, Montana	
Blaylock, Robert M., C-F.....	
..... Idaho Falls, Idaho	
Bleak, Earl J., fa-ss.....	St. George, Utah
Bleak, Howard Holmes, A-F.....	
..... Salt Lake City	
Bleazard, William Walker, A-F.....	
..... Mountain Home	
Bloomfield, Mae, ap-F.....	
..... Shiprock, New Mexico	
Blumell, Richard Emerson, A-S.....	
..... Magrath, Alberta, Canada	
Boberg, Afton, ss.....	Draper
Boel, Joseph M., A-Sp.....	Provo
Bohman, Dean F., A-J.....	Monroe
Bonnell, Stanford Jay, ap-So.....	Provo
Booth, Edith Young, ss.....	Provo
Booth, Editha, A-Sp.....	Provo
Booth, J. Malcolm, A-J.....	Provo
Booth, Lillian, A-F.....	Provo
Booth, Newell Wayne, ss.....	
..... Blackfoot, Idaho	
Boren, Owen Wayne, A-So.....	
..... Oakley, Idaho	
Borg, La Zelia A., ss.....	Salina
Boss, Kenneth Rulon, fa-F.....	Garland
Boswell, Calvin Roy, ap-So.....	Provo
Boswell, Gladys Irene, ap-So.....	Provo
Boswell, Joe L., e-F.....	Nephi
Bourne, John Henry, C-F.....	Provo
Bowen, David, A-So.....	Spanish Fork
Bowen, David B., G-ss.....	Spanish Fork
Bowen, Henry Reed, C-F.....	
..... Burley, Idaho	
Bowen, Lewis Keith, A-F.....	

## STUDENTS

231

Bowen, Lucy, ss.....	Spanish Fork	Nephi
Bowen, Mark David, C-S.	Spanish Fork	Rupert, Idaho
Bowen, Thelma Katherine, C-F.....	Spanish Fork	Beaver
Bowen, Victor, C-F.....	American Fork	Brooksby, Reva, fa-Un.....
Bowen, Wayne Larson, C-S.....	Spanish Fork	Fredonia, Arizona
Bowers, Lucille, e-So.....	Salt Lake City	Brooksby, Wilford Armand, A-S.....
Bowles, Geraldine, e-F.....	Nephi	Fredonia, Arizona
Bowles, Kathryn, ss.....	Nephi	Brothersen, Eva LeNora, C-Un.....
Bowman, Bardell Robinson, fa-F.....	Colonia Dublan, Chihuahua, Mexico	Mount Pleasant
Bowman, Betty, a-F.....	Provo	Brotherson, Thelma, e-J.....
Bowman, Melvin Gardner, A-J.....	Provo	Moroni
Bown, Alta M., ss.....	Manti	Brough, Donald Porter, A-F....Morgan
Bown, Alice Mildred, A-Sp.....	Provo	Brough, LeRay Fackrell, e-So....Provo
Bown, Emma Lee, A-Sp.....	Provo	Browne, Arthur Donald, e-So.....
Bown, Glenn B., fa-So.....	Manti	San Jose, California
Bown, Hattie Wright, ap-Sp....	Provo	Brown, Clyde Glen, A-So.....
Bown, Henry M., C-So.....	Provo	Charcas, S. L. P., Mexico
Bown, Max Duane, A-S.....	Provo	Brown, Campbell Lee, A-S.....
Bradford, Margaret Dixon, ss.....	St. George	Salt Lake City
Boyack, Bert Albert, C-S.....	Spanish Fork	Brown, Clark Kendall, A-J.....
Boyack, Dean C., C-S.....	Delta	American Fork
Boyce, Marguerite, e-J.....	Provo	Brown, Donald Leroy, C-F.....Provo
Boyce, Marjory, fa-F....	Salt Lake City	Brown, Douglas, A-F.....Springville
Boyer, Paul Delos, A-J.....	Provo	Brown, Duane, A-So.....
Bradford, Henry Wells, C-So.....	Spanish Fork	Brown, Erroll Goheen, C-J.....
Bradford, Sterling Taylor, A-So.....	Spanish Fork	St. Johns, Arizona
Bradshaw, Bernece Eunice, fa-J....Lehi	Lehi	Brown, Gail Nile, C-F....Weiser, Idaho
Bradshaw, Harris Axle, ap-Un....Lehi	Lehi	Brown, Helen Edith, e-So.....
Brady, Arlo James, A-J.....	Manassa, Colorado	Weiser, Idaho
Brady, Nyle C., A-F.....	Manassa, Colorado	Brown, Jerome J., Sp.....Draper
Brady, Reeves Andrew, C-So.....	Manassa, Colorado	Brown, John Charl, ap-J.....Grantsville
Brailsford, Ethel Verl, fa-F.....	Cody, Wyoming	Brown, Kate Scott, e-So.....
Brailsford, Leonard, C-F....	Springville	Col. Juarez, Chih., Mexico
Branch, Belva, e-F.....	Price	Brown, Mary Jane, C-Sp.....Provo
Braithwaite, Royden C., G-ss....	Manti	Brown, Mildred, e-J.....Ogden
Brandley, Helen Bertha, e-S.....	Stirling, Alberta, Canada	Brown, Milton Evan, A-So.....
Brandley, Norma, A-F....	Salt Lake City	Belleville, Illinois
Brasher, Kirk I., ap-S.....	Huntington	Brown, Murlyn Lammar, C-F.....
Brasher, Lucinda, e-F.....	Huntington	Col. Juarez, Chih., Mexico
Breinholt, Herbert Carl G.....	Provo	Brown, Ralph, A-F.....
Breinholt, Leo, e-F.....	Venice	Brown, Robert, ap-J.....Duchesne
Brian, Mrs. Emma, e-J.....	Fremont	Brown, Ruth, fa-F.....Spanish Fork
Brinkerhoff, William Morris, C-F....	Huntington	Brown, Vincent McEwan, e-J.....Provo
Brimhall, Elaine, e-S.....	Huntington Park, Calif.	Bruhn, Beth, e-F.....Panguitch
Bringhurst, Afton, e-F.....	Springville	Buchanan, Garth Boyd, ap-F....Venice
Brink, Lloyd William, C-F....	Kaysville	Buchanan, Iris, C-F.....Venice
Britsch, Florence Todd, fa-Sp....	Provo	Buchanan, Marba, e-F.....Venice
Broadbent, Jay S., C-So.....	Provo	Bucher, John Richard, C-J.....
Broadbent, Thomas Lowell, G.....	Provo	New Martinsville, West Virginia
Broadbent, Verla, e-F.....	Kanab	Buckley, Gerald Murdock, A-So..Provo
Broadhead, Faye, e-J.....	Nephi	Buckley, Walter Louis, A-F.....
		LaGrande, Oregon
		Buggert, Anneliese, ap-S.....Provo
		Bullock, Kenneth C., A-So.....
		Pleasant Grove
		Bullock, Thomas, ap-J.....Provo
		Bullock, Thomas Sterling A-So..Provo
		Bullock, Vic, Ray, C-J.....Provo
		Bunderson, Grant Victor, ap-S.....
		Mayfield
		Bunderson, Joseph A., ss....Wellington
		Bunnell, Kay LeRoy, C-So.....Helper
		Bunnell, Stephen Reese, G.....
		Spring City

## BRIGHAM YOUNG UNIVERSITY

Buranck, Alfred, Martin, A-F.....	Pasadena, Calif.	Carlson, Belden Howard, A-So.....	Spanish Fork
Burgess, Briant G., e-J.....	Salina	Carlson, Beth, e-F.....	Provo
Burgess, George Dale, A-F.....	Alpine	Carlson, Gretta Caroline, ap-J.....	Cardston, Alta., Canada
Burgess, Pauline, ap-J.....	Alpine	Carlson, Thora May, ap-J.....	Cardston, Alta., Canada
Burgess, Reid C., A-F.....	Alpine	Carlston, Arthur Ray, ap-F.....	Fairview
Burgon, Beulah, e-So.....	Midvale	Carmack, Effie, ss.....	Winslow, Arizona
Burningham, Rhoda Clark, ss.....	Provo	Carmack, Hazel M., fa-So.....	Winslow, Arizona
Burnside, Wesley Mason, fa-F.....	Mt. Pleasant	Caron, Mederic Athanasius, e-S.....	Lead, S. Da.
Burr, Mary, e-J.....	Koosharem	Carpenter, Hermen R., C-J.....	Park City
Bushell, Dorothy Eva, ss.....	Ogden	Carpenter, Merl, e-F.....	Kamas
Bushman, Marguerite, ss.....	Salt Lake City	Carpenter, Thomas Kinsey, A-F.....	Washington, D. C.
Burton, Grace, Elaine, A-So.....	Provo	Carr, Naomi C., ss.....	Grantsville
Burton, Otis, Lynn, e-J.....	Morgan	Carr, William Cecil, G.....	Grantsville
Bushnell, Ruth, ap-F.....	Meadow	Carroll, Norman B., C-So.....	Vernal
Buster, Helen Lenore, fa-F.....	Payson	Carroll, Paul Herman, ap-So.....	San Angelo, Texas
Butler, Durwood S., fa-S.....	Santa Monica, Calif.	Carson, Della, ss.....	Lehi
Butler, Hortense, e-F.....	Malad City, Idaho	Carter, Harold Eugene, C-So.....	Salt Lake City
Butt, Ethel Cutler, G.....	Provo	Carter, Mary Lue, Ap-F.....	Minersville
Butt, Newbern Isaac, G.....	Provo	Carter, Norval E., G.....	Lehi
Buttle, Leland Bezzant, G.....	Provo	Carver, John A., A-J.....	Boise, Idaho
Butterfield, Chloe, e-F.....	Riverton	Carver, Monroe, A-F.....	Boise, Idaho
Byers, Max Reed, C-F.....	Fruita, Colorado	Case, Keith, A-F.....	Mt. Emmons
Bylund, Ruth, C-F.....	Provo	Cash, Bernice, A-So.....	Midvale
Caffall, Deon, A-F.....	Provo	Castleton, Leon Joseph.....	Provo
Cahoon, DeRaunz A., C-J.....	Leavitt, Alberta, Canada	Chadwick, Idon, fa-F.....	Weiser, Idaho
.....	Cahoon, Leon A., ss.....	Chadwick, Laura, e-So.....	Ogden
.....	Leavitt, Alberta, Canada	Chadwick, Russell, A-So.....	Morgan
.....	Cahoon, Wanda, fa-Sp.....	Chamberlain, Dell, A-S.....	Orderville
.....	Cardston, Alberta, Canada	Chamberlain, Hans LaVell, e-So.....	Orderville
Calder, Clive, C-Un.....	Vernal	Chamberlain, Wilford Hugh, e-J.....	Orderville
Calder, Earl Hacking, ap-J.....	Vernal	Chambers, Max Willard, A-So.....	Garland
Calder, Sam, fa-J.....	Vernal	Chandler, Harry P., A-J.....	Provo
Call, Arlene, A-F.....	Salt Lake City	Charlesworth, Gordon Wesley, C-F.....	Richfield
Call, Benjamin E., A-J.....	Brigham City	Chatfield, Karlyn, fa-F.....	Lehi
Call, Beth, fa-F.....	Bountiful	Chatelain, Edward, ss.....	Ogden
Call, Dean Elmo, ap-So.....	Pocatello, Idaho	Checketts, Benjamin Grant, A-F.....	Bear River City
.....	Brigham City	.....	Bear River City
Call, Joan, C-So.....	Brigham City	Checketts, Minnie, e-So.....	.....
Callahan, Sterling, G.....	Provo	.....	.....
Callahan, William H., ss.....	Provo	.....	.....
Callan, Mary, C-S.....	Preston, Idaho	.....	.....
Cameron, Opal, fa-F.....	Panguitch	.....	.....
Campbell, Lorene Jessie, fa-F.....	Ogden	.....	.....
Candland, Barbara Hope, C-F.....	Provo	.....	.....
Candland, Ruth Hannah, ss.....	Provo	.....	.....
Cannon, George Ivins, C-F.....	Salt Lake City	.....	.....
.....	Cannon, Jean Grant, ap-S.....	.....	.....
.....	Salt Lake City	.....	.....
.....	Cannon, Mary, C-F.....	.....	.....
.....	Magna	.....	.....
.....	Cannon, Willard Lester, A-So.....	.....	.....
.....	Canning, Alfred Clyde, C-S.....	.....	.....
.....	Midvale	.....	.....
.....	Carey, Dorothy Mae, A-So.....	.....	.....
.....	Somerset, Colorado	.....	.....
.....	Carlile, Lewis A., e-F.....	.....	.....
.....	Kamas	.....	.....
.....	Carlile, Sarah Aleen, e-F.....	.....	.....
.....	Woodland	.....	.....
.....	Carling, Otis G., Sp.....	.....	.....
.....	Provo	.....	.....

Christensen, Clover Barnhart.....	Kellogg, Idaho	Clayson, Lawrence William, ss.....
Christensen, Donald Weedham, A-F.....	Provo	..... Santaquin
Christensen, Ellis J., ap-Un.....	Moroni	Clark, T. Rulon, G-ss..Afton, Wyoming
Christensen, Fern, ss.....	Ferron	Clayton, Vaughn Allen, A-So....Sandy
Christensen, Gordon M., fa-J.....	Delta	Clegg, Afton Elaine, C-Sp.....Provo
Christensen, Horace, ap-S.....	Provo	Clegg, Fred W., G.....Provo
Christensen, Jack, C-J.....	Midvale	Clegg, Luke, ss.....Provo
Christensen, Kathryn, e-F.....	Richfield	Clegg, Maurine, fa-F.....Provo
Christensen, Kathryn D., e-J.....	American Fork	Clegg, Reed, C-J.....Provo
Christensen, LaVon A., ss.....	Salina	Clegg, Robert Louis, A-F.....
Christensen, Linford, e-F.....	Springdale	.....Spanish Fork
Christensen, Muriel, ss.....	Provo	Cloward, Blake H., C-S.....Monroe
Christensen, Ruth Jones, ss.....	Provo	Cloward, R. Dell, C-S.....Provo
Christensen, Vernon Denzil, ss.....	Provo	Cluff, Al, fa-So.....LaVina, Calif.
Christensen, Margaret, ap-J.....	Provo	Clyde, D. Evan, C-So.....Heber City
Christensen, Marguerite, a-So.....	Provo	Clyde, Ed, C-J.....Heber City
Christensen, Mona, ap-So.....	Elsinore	Clyde, Margaret Eloise, e-So.....
Christensen, Ora, e-J.....	Richfield	.....Heber City
Christensen, Paul Driggs, G.....	American Fork	Clyde, Ruth, ap-So..Hamilton, Montana
Christensen, Reva, C-So.....	Elsinore	Cobbley, Mary, ss.....Blackfoot, Idaho
Christensen, Ruth Jones, A-Sp.....	Provo	Cochrane, Myrtle Thornton, ss..Tooele
Christensen, Trevor Lund, e-J.....	Ephraim	Coffin, Carma, e-J..St. Anthony, Idaho
Christensen, Vergie, C-F.....	Richfield	Colby, Marie, e-F.....Brigham City
Christensen, Vernon Denzil, C-J.....	Provo	Coleman, James Smoot, C-So.....Provo
Christensen, Wallace Erickson, C-So.....	Mohrland	Coleman, Martha, e-J.....Provo
Christensen, Waldo, e-J.....	Redmond	Collett, Edith, e-So.....Vernal
Christiansen, John Martin, A-F.....	Pleasant Grove	Collett, Edna, e-So.....Vernal
Christiansen, Madge, e-J.....	Elsinore	Collett, Farrell Ruben, G.....
Clark, C. Verl, C-So.....	Oakley, Idaho	.....Bennington, Idaho
Clark, Carl Donald, A-So.....	Coalville	Collins, Eldred Reed, ss.....Provo
Clark, Edith, e-So.....	Provo	Collins, Raymond William, ap-J.....
Clark, Ethel, e-F.....	Provo	.....Ogden
Clark, Ernest R., G.Lyman, Wyoming		Collins, Ted Emory, A-F.....Ogden
Clark, Evelyn, e-So.....	Lehi	Colton, Gwen Mary, fa-So.....
Clark, Evelyn Jane, C-Un.....	Provo	.....Salt Lake City
Clark, Fae, fa-J.....	Provo	Coltrin, William Arthur, C-J.....
Clark, Gean, G.....	Provo	.....Huntington Park, Calif.
Clark, Harry William, Jr., fa-S.....	Helper	Colvin, Harold A., G.....Provo
Clark, Helen, fa-J.....	Provo	Colvin, Orlin G., ss.....Provo
Clark, Jeanette, A-J.....	Ogden	Conder, Jack C.. A-F.....Provo
Clark, J. Kent, A-J.....	Ogden	Condie, Aileen, fa-So.....Springville
Clark, Larry, A-So.....	Kemmerer, Wyoming	Condie, Carol, fa-F.....Springville
Clark, Lynn Osborn, e-S.....	Lynn	Condie, Thelma G., fa-Sp.....Provo
Clark, Mable Hone, C-Sp.....	Provo	Conover, Don, C-J.....Provo
Clark, Merlin, A-J.....	Cannonville	Conover, Hattie H., fa-Sp.....Provo
Clark, Stanley Hawley, A-F.....	Provo	Cook, Fon E., A-S.....Cedar Valley
Clark, Stanley Newell, A-So.....	Provo	Cook, Shirle Eldon, A-J..Pegram, Idaho
Clark, Stephen Hone, C-F.....	Provo	Cook, Zelda, e-J.....Pegram, Idaho
Clark, Woodrow Wilson, e-So....	Helper	Cooley, Jane, e-J.....Salt Lake City
Clarke, Alva John, e-S.....	Magrath, Alberta, Canada	Coon, Blanche Lenore, fa-So.....
Clayson, Joseph Harold, C-S.....	American Fork	.....Col, Dublan, Chih., Mexico
Clayson, DeMar H., A-F..Spanish Fork	Spanish Fork	Cooper, E. Irene, ss.....Nephi

## BRIGHAM YOUNG UNIVERSITY

Cottam, Jean, e-F.....	St. George
Cottam, Lathell M., A-F.....	St. George
Cottam, Venice, C-F.....	Provo
Cottrell, Dannell George, e-J.....	Draper
Couch, Howard William, G.....	
	Menan, Idaho
Couch, Thella Hess, ss.....	Menan, Idaho
Coulam, Ann, ss.....	San Francisco, Calif.
Covert, Spencer Elgant, fa-J.....	
	Spring City
Covington, Loren, ss.....	Hurricane
Cowan, Alburta, ss.....	Provo
Cowley, Conrad A., ap-F.....	Venice
Cowley, Jessie, A-S.....	Venice
Cowlishaw, Helen, e-F.....	Moroni
Cox, Arla, e-J.....	Lehi
Cox, David Raymond, e-Un.....	
	Orangeville
Cox, Catherine, A-F.....	Manti
Cox, LaRue, ss.....	St. George
Cox, Rose, e-F.....	Ferron
Crabbe, Kirkham V., ap-F.....	Lehi
Crandall, Bernice, fa-Un.....	Provo
Crandall, Eva, e-So.....	Springville
Crandall, Hazel, C-F.....	Salina
Crandall, Lars G., C-Sp.....	Provo
Crandall, Lowell W., C-J.....	Springville
Crandall, Sterling M., C-S.....	Springville
Crandall, Stewart Merril, A-So....	Provo
Crane, Doris, A-F.....	Provo
Crane, Jack Rolland, A-F.....	
	Bennington, Idaho
Crane, Norma, C-J.....	Provo
Cranney, June, e-F.....	Auburn, Wyoming
Creer, Allen Bradford, C-So.....	
	Spanish Fork
Creer, Paul Bradford, C-J.....	
	Spanish Fork
Creer, Varona, ss.....	Salt Lake City
Crockett, Quinten E., C-So.....	
	Preston, Idaho
Croft, Grace Hildy, ss.....	Provo
Croft, Melba, ss.....	Provo
Croft, Patricia, e-F.....	Salt Lake City
Crist, Clifford Charles, C-So.....	
	Richfield, Idaho
Crompton, M. Elnora, ss.....	Ogden
Crook, William, ap-F.....	Heber
Cropper, Ladd R., fa-J.....	Delta
Crosbie, Robert Ray, A-J.....	Provo
Crosby, Frank L., A-J.....	
	St. Johns, Arizona
Crosby, Georgia Jean, F.....	Cowley
Crosby, Mary Karma, e-Sp.....	Provo
Crosby, Samuel Wallace, C-S.....	
	St. George
Crowther, June Fern, e-So.....	Provo
Crowton, David Mac Gillivary, e-S..	
	Provo
Crowton, Ralph Ernest, C-So.....	
	Salt Lake City
Cullimore, Bernece, e-J.....	Provo
Cullimore, Odessa A., A-Sp.....	Provo
Cullimore, Wanda, C-So.....	Provo
Culmsee, Edna Ball, ss.....	Provo
Cummings, Richards Franklin, A-S .....	Provo
Currie, Emily Sarah, fa-So.....	American Fork
Curry, Reginald Oran, ap-J.....	
	Fort Duchesne
Curtis, Betty, A-F.....	Coakville, Wyoming
Curtis, Coral, ap-So.....	Provo
Curtis, Glenn, C-F.....	Deseret
Curtis, Elda Ruth, e-J.....	Aurora
Curtis, Joseph Wesley, ss.....	
	Blackfoot, Idaho
Curtis, La Thair Hale, fa-F.....	Provo
Curtis, Leora, fa-So.....	Provo
Curtis, Marvin Raine, A-F.....	
	Salt Lake City
Curtis, Ruth Frischknecht, ss.....	Manti
Curtis, Viola Hale, fa-Sp.....	Provo
Curtis, Walter Romans, A-F.....	Provo
Cutler, Margie, e-J.....	Salt Lake City
Cutler, Miriam, fa-F.....	Panguitch
Dabb, Ralph Francis, A-S.....	Harrisville
Rahl, Beth Evelyn, fa-F.....	Midvale
Dahlquist, Charles Winston, e-F.....	Provo
Dalton, James Cecil, A-F.....	
	Jerome, Idaho
Dalton, Ralph C., ap-So.....	Payson
Dargon, Beth, A-Sp.....	Provo
Davidson, Edward Allen, A-F.....	
	Mt. View, Wyoming
Davies, Charles J., A-J.....	Spanish Fork
Davies, Grant Busch, C-J.....	Provo
Davis, Ariel Rual, A-J.....	Provo
Davis, Cecil Harold, A-F.....	
	Deep Run, North Carolina
Davis, Chester, A-S.....	Troy, Ohio
Davis, Dolores Marie, ss.....	
	Rochester, New York
Davis, C. Ralph, G.....	Dividend
Davis, Douglas James, A-So.....	Provo
Davis, Florence Marie, C-F.....	Salem
Davis, Keith Giles, fa-So.....	Lehi
Davis, Naomi, fa-F.....	Brigham City
Davis, Vern Lee, fa-S.....	Springville
Davis, Vernon L., ap-F.....	Eden, Idaho
Day, Oneta Petersen, e-J.....	
	Pleasant Grove
Dean, Gene William, e-F.....	
	Evanston, Wyoming
Dearing, W. Jack, A-Un.....	Midvale
Dean, Elva Crosbie, G.....	Provo
Dean, Harry A., G.....	Ephraim
Decker, Craig Adams, A-F.....	
	Kirtland, New Mexico
Decker, Carl H., C-F.....	
	Snowflake, Arizona
Decker, Freda S., A-S.....	
	Snowflake, Arizona
DeGraff, Dale C., C-J.....	Heber City
deJong, Belle Felice, fa-So.....	Provo
DeLange, Leland J., A-So.....	Koosharem
Demos, Helen, fa-So.....	Provo
Demson, Elizabeth, e-F.....	Salem
Denning, Martha, A-So.....	
	Idaho Falls, Idaho

Dennis, Elvin J., ap-S.....	Roosevelt
Dennison, Amelia, fa-F.....	Gunnison
Despain, Carroll Eldon, ap-F.....	
.....Prescott, Arizona	
Detmers, Bob F., e-J.....	Beaver
Devey, Helen, e-J.....	American Fork
Deviney, John Teager, C-F.....	
.....Sioux City, Nebraska	
Devitt, Willard Raymond, ap-So.....	
.....American Fork	
Dexter, Jr., Alfred, C-J.....	
.....Pleasant Grove	
Dillman, Allen Miles, A-So...Roosevelt	
Dixon, Alice Delenna, e-So.....	Provo
Dixon, C. Fulvia Call, ap-Sp.....	Provo
Dixon, Evelyn, ss.....	Provo
Dixon, Fred Walter, G.....	Provo
Dixon, Harry A., A-J.....	Provo
Dixon, Howard Banks, G.....	Provo
Dixon, Grant DeGray, A-F.....	Provo
Dixon, Maurine, G.....	Provo
Dixon, Norma, A-So.....	Provo
Dixon, Raymond Layne, C-F.....	Provo
Dixon, Stella, ap-S.....	Provo
Dimond, Rae Henry, C-F.....	Midvale
Done, Willard Edwin, C-J.....	
.....Salt Lake City	
Doss, Loy Fielding, A-Sp.....	Provo
Dowdle, Robert Max, e-S...Springville	
Downs, Winston, A-J.....	Provo
Dansfield, Melvin R., e-F.....	Ogden
Draper, Edna Elsie, C-Sp.....	Provo
Driggs, Carol Margaret, C-F.....	
.....Phoenix, Arizona	
Duce, Donald Folsom, C-So.....	Provo
Duce, George Harold, C-So.....	Provo
Dudley, H. James, A-So.....	Randlett
Dudley, Margaret, e-J.....	Vernal
Duffin, Harlow Clarence, C-F.....	
.....Salt Lake City	
Duffin, Lois, ap-F.....	Axtell
Duffin, Marie, ap-J.....	Salt Lake City
Duffin, Virginia, ap-F.....	
.....Salt Lake City	
Duggan, Robert Emmett, A-F.....	
.....Richfield	
Duke, Miriam, C-Sp.....	Provo
Duke, Woodrow Skousen, fa-Un.....	
.....Phoenix, Arizona	
Dunford, George Osmond, ss.....	
.....Bloomington, Idaho	
Dunkley, Karis Jo., C-F.....	
.....Whitney, Idaho	
Dunkley, LeGrand Joseph, C-S.....	
.....Whitney, Idaho	
Dunkley, Margaret Cady, C-F.....	
.....American Fork	
Durrant, Dorothy, C-So.....	Provo
Dyreing, Lucille, fa-So.....	Manti
Dyreing, R. Morgan, C-S.....	Manti
Eagar, David R., G-ss.....	Mammoth
Earl, Alma LaVon, G....American Fork	
Earl, Grant Clarence, C-G.....	Ogden
Earl, Leland Joseph, C-J.....	Ogden
Earl, Samuel Aubrey, ss.....	
.....Barnwell, Alta., Canada	
Eastland, Robert Wayne, fa-F.....	
.....Nampa, Idaho	
Eastmond, Elbert John, G.....	Provo
Eddington, Roslyn Anne, fa-S.....	
.....Springville	
Edmunds, Esther O., ss.....	Provo
Edwards, Alice, ss.....	Charleston
Eggertsen, Simon P., G.....	Provo
Einerson, La Rene, e-J.....	Roosevelt
Etel, Leona Laue Val, fa-S.....	
.....Ely, Nevada	
Ekloff, Genevieve Sullivan, ss...Eureka	
Ekins, Ruth, e-F.....	Provo
Eldredge, Leah, ss.....	Salt Lake City
Ellertson, Clarence Lyman, G-ss...Mona	
Ellertson, Flo, A-so.....	Provo
Ellertson, Lael, e-So.....	Mona
Ellett, Evelyn, C-Sp.....	Spanish Fork
Ellett, Neta R., ss.....	Bricknell
Elliott, Earl Lamond, C-F.....	Provo
Elliott, Grant Hansen, C-F.....	Provo
Elliott, Robert Lester, A-F.....	Provo
Ellison, Helen, e-So.....	American Fork
Ellison, Jack Richard, A-F.....	Provo
Ellsworth, Cyrus Wightman, ap-F.....	
.....Provo	
Ellsworth, Elman K., A-So.....	Payson
Ellsworth, Genevieve W., ss.....	Provo
Ellsworth, Marjorie, G-ss.....	
.....Lewisville, Idaho	
Ellsworth, Nada, ap-J.....	Provo
Ellsworth, Reed W., ap-F.....	
.....Safford, Arizona	
Emley, Elbert Francis, C-So.....	Ogden
England, Eugene Knight, C-F....Ogden	
Erekson, Leone, ap-F.....	Payson
Erickson, Deblin Albin, C-So.....	
.....Iona, Idaho	
Erickson, Eva, fa-Sp.....	Spring City
Erickson, Margaret, ss.....	
.....Stirling, Alta., Canada	
Esplin, T. Lavoy, A-J.....	Orderville
Evans, Alice Maxwell, ss...Grace, Idaho	
Evans, Ashel John, e-F.....	Vernal
Evans, Beth Rowe, fa-So.....	
.....Spanish Fork	
Evans, Cecil F., ap-F.....	Lehi
Evans, Donald Jones, A-J.....	
.....Spanish Fork	
Evans, George H., A-F.....	Vernal
Evans, Howard Clark, G-ss.....	
.....Grace, Idaho	
Evans, John Riggs, A-F.....	Provo
Evans, Karma, C-J.....	Lehi
Evans, Lyle, C-So.....	Nephi
Evans, Maria, ss.....	Malad, Idaho
Evans, Reo G., A-F.....	Lehi
Evans, Shirley Osburn, C-F.....	
.....Butte, Montana	
Evans, Sterling Ross, A-F.....	Lehi
Evans, VaLeen, C-F.....	Coalville
Evans, Wm. R., ss.....	Mt. Emmons
Eyre, Carlyle Ballard, ap-So.....	
.....Cowley, Wyoming	

## BRIGHAM YOUNG UNIVERSITY

Eyring, Jeniveve, ap-S.....	Pima, Arizona	Folsom, Ronald Reid, e-J.....
		.....Hill Spring, Alta., Canada
Facer, Martha, fa-F.....	Pleasant Grove	Foote, Ellis, A-Un.....Altonah
Fackrell, Virginia, A-So.....	Eden	Ford, Joe V., C-So.....Provo
Fairbanks, Fern Smith, A-So.....		Ford, Melburn Sabey, C-F.....Provo
	Caldwell, Idaho	Ford, William Lester, A-F.....Provo
Fairbanks, Florence Annetta, ap-F.....		Foremaster, Florence, ss.....St. George
	Salt Lake City	Forsey, George Furner, A-So.....Eureka
Fairbanks, Geraldine, e-F.....	Richfield	Forsyth, Richard, C-Sp.....Provo
Fairbanks, Merwin Gifford, fa-F.....		Forsyth, William Achroyd, e-J.....
	Salt Lake City	.....Cardston, Canada
Farley, Eva Phyllis, C-F.....	Provo	Foster, Landy M., e-Sp.....Tabiona
Farley, Stanley T., C-F.....	Provo	Fotland, Clara, ss.....Provo
Farnes, June Pearl, e-S.....		Foulger, Delsa, ss.....Ogden
	Twin Bridges, Montana	Fountin, Kleva, C-F.....Provo
Farnes, Wanda Irene, A-F.....		Fowkes, Lucille, G.....Provo
	Twin Bridges, Montana	Fox, Norine, ss.....Lehi
Farnsworth, Doraine, ss.....	Salt Lake City	Fox, Rulon Boyer, ap-F.....Springville
Farnsworth, Lucille, e-J.....		Francis, Dean Wilson, A-F.....
	Colonia Dublan, Chih., Mexico	.....Santa Ana, Calif.
Farnsworth, Thelma, ap-F.....	Beaver	Francis, Kent, A-F.....Morgan
Farnworth, Helen, C-F.....	Provo	Francis, Malin E., A-F.....Morgan
Farnworth, Viola, G-ss.....	Provo	Francis, Paul Edwin, A-Un.....
Farr, Eleanor Gertrude, fa-J.....		.....Santa Ana, Calif.
	Washington, D. C.	Francis, Sam Boyd, A-F.....
Farrer, Berthelda, C-F.....	Provo	.....Santa Ana, Calif.
Farrer, Blanche Jean, C-F.....	Murray	Francis, Thora, ap-Un.....
Faux, Ferry J., ss.....	Spanish Fork	.....Santa Ana, Calif.
Fawcett, Myrlene, C-F.....	St. George	Francom, Martha Webb, ap-So.....Levan
Fechser, Ida, G.....	Provo	Frandsen, Howard, C-So.....Provo
Felt, Bert, A-J.....	Centerfield	Frandsen, Lois, C-F.....Provo
Felt, Beyrle La Monte, ss.....		Frandsen, Russell Evan, C-F.....Provo
	Blackfoot, Idaho	Frandsen, Victor Glenn, ss.....
Ferris, Muriel, ap-So.....	Chicago, Illinois	.....Springville
Fettes, William Edward, A-Un.....		Frazier, Leo Odeon, C-So.....Oakley
	Alamosa, Colorado	Freckleton, Jennie L., ss.....Provo
Feulner, Marian Irene, ap-F.....	Magna	Freckleton, John Medley, A-S.....Provo
Fietkau, L. Ross, ap-S.....	Boneta	Free, Lorymore, A-F.....Panaca, Nevada
Fillmore, Elithe, ap-J.....	Provo	Freestone, James R., ap-J.....
Fillmore, Melvin Woodrow, A-Sp.....		.....Mesa, Arizona
		Freestone, Wilson I., A-Un.....Vernal
Finlayson, Earl T., Sp.....	Provo	Frehner, Leon, ap-J.....Mesquite, Nevada
Finlayson, Lela, ap-S.....	Provo	Friel, Garnet La Mar, A-F.....Springville
Finlayson, Lloyd Taylor, A-So....	Provo	Frost, Herbert Hamilton, A-F.....
Finley, May, ss.....	Springville	.....Newport, Rhode Island
Firmage, Louise Miriam, C-Sp....	Provo	Frost, Margaret, ss.....Spanish Fork
Fish, Adelaide Margaret, A-F....	Delta	Fuellenbach, Chester Lehi, ap-F.....
Fish, Charles Riggs, A-J.....	Provo	.....Richfield
Fisher, Flora D., G-ss.....	Provo	Fuellenbach, Maurice Alonzo, A-So.....
Fisher, Grant, C-F.....	Provo	.....Richfield
Flake, Marjorie Ruth, fa-So.....		Fugal, Anna Letha, e-F.....
	Salt Lake City	.....Pleasant Grove
Flake, Samuel D., fa-So.....	Snowflake, Arizona	Fugal, Jean A., ap-S.....
		.....Pleasant Grove
Flanagan, B. L., G.....	Salt Lake City	Fugal, Lucille, C-F.....Pleasant Grove
Flanders, Frank A., G-ss.....		Fugal, Neil Y., C-S.....Pleasant Grove
	Winnemucca, Nevada	Fulkerson, Alvin, e-So.....
Fletcher, Charles Thomas, A-J....	Provo	.....Overton, Nevada
Fletcher, Hazel, G-ss.....	Provo	Fuller, Alta C., ss....Thatcher, Arizona
Fletcher, James Chipman, A-F.....		Fuller Chloe, ss .....Eden
	Flushing, N. Y.	Fuller, Dorothy Elizabeth, ap-So.....
Fletcher, Sarah Ellen, ss.....	Junction	.....Barnwell, Alta, Can.
Fliflet, George Victor, A-F.....	Provo	Fuller, Livonia W., ss-Sp.....Provo
		Furr, Norma, A-Sp.....Provo
Gadd, John William, e-F.....	Nephi	

Galt, Allan Hugh, A-F..Spanish Fork	
Gaeth, Arthur, A-S.....Provo	
Galway, Desma Hall A-S.....	Panaca, Nevada
Gamett, Mark W., C-F.....	Pleasant Grove
Gammell, Raymond William, C-So.....	Provo
Gardiner, Jack Simeon, A-F.....	Pleasant Grove
Gardner, Evan Glazier, C-S.....Delta	
Gardner, Grant Earl, C-So.....	Detroit, Michigan
Gardner, Merline, fa-S..American Fork	
Gardner, Nel Barclay, A-J.....	Spanish Fork
Gardner, Nita, e-J.....Spanish Fork	
Gardner, R. T., C-So....American Fork	
Gardner, Ross D., A-J..Salt Lake City	
Gardner, Samuel Vernon, A-So..Salem	
Gardner, Thelma, e-So.....Neola	
Gardner, Valoise Sharlee, A-F.....	Cheyenne, Wyoming
Gardner, Veda, C-F.....Spanish Fork	
Gardner Wallace H., Sp..Spanish Fork	
Garner, Hazel Ardella, ap-S.....Ogden	
Garrett, Bernice Lucille, C-F.....Nephi	
Garrett, Maurice Paul, C-J.....Nephi	
Garrett, Norma Pricilla, C-So..Provo	
Garrett, Philip E., C-F.....Nephi	
Garrett, Ralph LeRoy, A-So.....Nephi	
Gassman, Alta Thompson, ap-J.....	Ephraim
Garrett, Wanda, G-ss.....	Nephi
Gay, Farrall Dee, A-So.....Joseph	
Gay, Grant Venoy, C-J.....Joseph	
Gearheart, Verla Bess, A-J.....	Chinook, Montana
Geary, Charles Calvin, G-ss....Morgan	
Gee, Norma W., G.....Provo	
Geigle, Albert, e-F.....Salt Lake City	
Gentry, Joseph, fa-J.....Beaver	
George, Karl Owen, A-F.....	Pleasant Grove
George, Scott, C-Sp.....Kanosh	
Germer, Max Elliot, fa-J...Deweyville	
Geslison, Clarence M., ap-J.....	Spanish Fork
Gibb, George Hildon, A-F.....	Hillspring, Alta, Canada
Gibb, Jack Rex, G....Portland, Oregon	
Gibb, Rulon, e-S.....	Magrath, Alta., Canada
Gibby, Irwin, ap-J.....	Roy
Gibson, Robert Owen, A-So.....	Las Vegas, Nevada
Giddings, Crandall Bland, A-S.....	American Fork
Giddings, Irene, ap-So..American Fork	
Gilbert, Art Gene, C-So.....	Salt Lake City
Gilchrist, Ruth C-Sp....Ontario, Oregon	
Giles, Clarence Wiliam, e-J.....	Heber City
Giles, Elvin C., ss.....	Heber City
Giles, Kenneth Douglas, C-F.....	Heber City
Giles, Lucille, fa-F.....Salt Lake City	
Gillespie, Gerald Carter, ap-S...Tooele	
Gillies, Una, ss.....Greenriver	
Gleason, Nadine, fa-S.....Hiawatha	
Gleave, Gwen, ss.....Annabella	
Glissmeyer, Pearl, e-So..Salt Lake City	
Glover, Donald Perking, ap-F..Midvale	
Goates, Ralph Gardner, C-F....Midvale	
Golding, Eleanor Beth, fa-F.....Provo	
Golding, Lawrence Branch, e-S..Price	
Goodrich, Floyd C., C-J.....Bluebell	
Goriskek, Carolina Elizabeth, ss.....	Scofield
Gould, Arthur, C-F.....	Los Angeles, California
Gourley, George, ss.....Pleasant Grove	
Gourley, June, ap-F.....Pleasant Grove	
Graehl, Richard Norman, C-J....Ogden	
Graham, Faye, fa-Sp.....	Provo
Graham, Heber S., A-F.....Fairview	
Graham, Jo, e-So.....	Provo
Graham, Ray Cleg, ap-J....Wallsburg	
Graham, Richard, fa-J.....Fairview	
Grange, William, A-So.....Manti	
Grant, Zola, e-F.....American Fork	
Grasse, Marjorie, fa-J.....	Denver, Colorado
Green, Garnet, ap-S.....	McCammon, Idaho
Greene, Lawrence W., ss.....Heber	
Greenwood, Dorothy Anne, e-So..Sandy	
Greenwood, Ella, e-S.....Sandy	
Greenwood, Ernest Morgan, e-F..Nephi	
Greenwood, Glenn Boley, C-F.....	American Fork
Greenwood, Sherman Robinson, A-F.....	American Fork
Greer, Grant, e-Sp .....	Provo
Greer, Norma D. Hansen, ss.....Provo	
Gregersen, Garth Clifford, A-F.....	Marysville
Gregersen, Wallace La Vell, ss.....	Elsinore
Grimes, Jesse W., e-So.....Provo	
Griffin, Vernile Emerson, A-So.....	Escalante
Griffith, Dorothy, ss.....	Tooele
Griffith, J. Elmer, Sp.....	Midvale
Griffith, Laura P., ss....Preston, Idaho	
Groesbeck, Earl Saunderson, G-ss....	Springville
Groesbeck, Rhoda Marie, ss.....	Springville
Gross, Bill John, fa-Sp...Hays, Kansas	
Gubler, Clark Johnson, A-J.....	LaVerkin
Gudmundson, Barbara, e-F.....	Springville
Gulbrandson, William N., ss.....	Huntington Park, Calif.
Gull, Beatrice Gardner, e-F.....	Spanish Fork
Gunney, J. Ferrin, C-S.....Provo	
Gurr, Anna, e-F.....	Parowan

## BRIGHAM YOUNG UNIVERSITY

Guyman, June Kathleen, A-F.....	Huntington	Hansen, Grant, A-J.....	Provo
..... Guymon, William Lee, ss....Orangeville		Hansen, Jay Keith, C-So.....	Ogden
Hacking, Florence Jane, e-J.....Vernal		Hansen, La Vonda, fa-F.....	Richfield
..... Hacking, John Walter, C-Un.....	Burley, Idaho	Hansen, Louise, A-F.....	
Hacking, Leo Edwin, C-S.....Vernal		..... Sheridan, Wyoming	
..... Hacking, Lola, ap-S.....Cedar Valley		Hansen, Louise, e-So.....	Delta
Hacking, Maurine, ap-S.....Cedar Valley		Hansen, Lydia, ss.....	Richfield
Haddock, Edward Oliver, CF.....	Paris, Idaho	Hansen, Mary Beth, ap-F.....Iona, Idaho	
..... Haddock, Max Thomas, A-J.....	Bloomington, Idaho	Hansen, Mildred Cora, C-Un.....	
Haddock, Orlando B., ss.....Ogden		..... Boise, Idaho	
Hafen, Ada, e-J.....St. George		Hansen, Ruby Kelly, ss.....Monticello	
Haggerty, Charles Edward, e-J.....	Keyser, West Va.	Hansen, Ruth, C-Un.....	Provo
Hair, Elaine Doris, fa-F.....Marion		Hansen, Ruth, e-So.....	Delta
Hale, Ballard Rosel, Un.Oakley, Idaho		Hansen, Sarah Marie, ap-F.....	
Hale, Quentin Solomon, A-F.....	Oakley, Idaho	..... St. Anthony, Idaho	
Hales, Belle Wilson, ap-S.....Provo		Hansen, Sybil, A-F.....Preston, Idaho	
Hales, D. Wilson, A-F.....Provo		Hansen, Theresa Mary, A-S.....Provo	
Hales, G. Ray, G-ss.....Spanish Fork		Hansen, Uda Holley, ap-Sp.....	
Hales, James Vern, A-S.....Provo		..... Spanish Fork	
Hales, Leo, ss.....Spanish Fork		Hansen, Valine Edith, e-Sp.....Lehi	
Hales, Lois Marie, C-F.....Springville		Hansen, Wm. E., A-So.....	
Hales, Mark L., A-So.....Spanish Fork		..... El Monte, Calif.	
Hall, Catherine, Esther, A-So.....	Roosevelt	Hansen, Wyroa, e-Sp.....Spring City	
..... Hall, David Bingham, ap-F.....Vernal		Hanson, Anne, e-So.....Spanish Fork	
Hall, Don Curtis, ap-F.....Vernal		Hanson, Parker, C-Sp.....	Provo
Hall, Grace, C-F.....Provo		Hanson, June E., ap-F.....Lehi	
Hall, J. Clark, fa-So.....Minersville		Hanson, Leo, G-ss.....Lehi	
Hall, Jay Markham, ap-F.....Vernal		Hanson, Leora, ss.....Tetonia, Idaho	
Hall, Lela, e-So.....Vernal		Hanson, Roy Williams, C-So.....	
Hall, Maurice Barker, G.....Santaquin		..... Spanish Fork	
Hall, William Berkley, A-F.....Payson		Harder, Rane Elizabeth, e-F.....	
Hallam, Lucille, A-J.....Spanish Fork		..... Leamington	
Halliday, Blaine Owen, ap-F.....	Pleasant Grove	Harding, Elden A., ss.....	Provo
..... Halliday, Jack R., A-F.....Provo		Harding, Ruth Bell, ap-F.....Meadow	
Halliday, John R., G.....Provo		Hardy, Ariel Eldon, A-So.....	
Halterman, Austin Tell, e-So.....Parowan		..... Oakley, Idaho	
Hamblin, Lawson, Sp.....	Greenbelt, Maryland	Hardy, Jean Lenore, fa-S.....	
..... Hammer, Bert LaSalle, fa-F.....	Idaho Falls, Idaho	..... Great Falls, Montana	
Hammond, Marion, A-So.....Cowley, Wyoming		Hardy, Kathryn, C-F.....Salt Lake City	
..... Hanchett, Hughes Byron, A-S.....Provo		Hardy, Ralph Blaine, A-F.....Provo	
Handy, Josie G., ss.....Jerome, Idaho		Harker, Lawrence Leon, e-J.....	
Hanks, Barbara, fa-So.....Burley, Idaho		..... Hill Sp., Alta., Canada	
Hanks, Chas Lynn, ss.....Salem		Harmer, Naomi, A-F.....Mapleton	
Hanks, Elizabeth, e-F.....Burley, Idaho		Harmon, Paul Lewis, A-F.....Provo	
Hanks, Howard T., ss.....Eureka		Harper, Alta, A-F.....Oakley, Idaho	
Hansen, Alma Wayment, A-J....Ogden		Harper, Wilson, A-J.....Oakley, Idaho	
Hansen, Anna, fa-F.....Weiser, Idaho		Harris, Billie M., C-F.....Boise, Idaho	
Hansen, Bernard Lyle, A-So.....	Sheridan, Wyoming	Harris, Carol, e-So.....Provo	
..... Hansen, Carl Myrlin, e-So.....Salina		Harris, Charles D., ap-S.....	
Hansen, Dorr William, e-So.....Sunnyside		..... Pleasant Grove	
Hansen, Earl Morgan, ap-F.....		Harris, Dola, A-So.....Lovell, Wyoming	
..... Hansen, Genevieve, A-So.....Provo	Weiser, Idaho	Harris, Estelle Spilsbury, A-Sp.....Provo	
Hansen, Glenn, W., G-ss....Monticello		Harris, Joseph Bond, ss.....Blanding	
..... Hart, Eldon Charles, C-S.....Ogden		Harris, Leah Dorothy, ap-J.....Provo	
Hart, Sylvester Evensen, fa-F.....		Harris, Ruth, C-F.....Salt Lake City	
..... Harston, Clarence B., ap-S.....	Cowley, Wyoming	Harris, Sherman, e-F.....Peoa	
..... Harston, Miles Briggs, ap-S.....	Cowley, Wyoming	Harris, Vivian Glade, A-Un.....Provo	
..... Hart, Sylvester Evensen, fa-F.....		Harrison, Dan Bird, A-J.....Provo	
..... Harston, Clarence B., ap-S.....	Cowley, Wyoming	Harrison, Jack T., A-F.....Provo	
..... Hart, Sylvester Evensen, fa-F.....		Harrison, Stanford, A-J.....Downey, Ida	
..... Harston, Clarence B., ap-S.....	Cowley, Wyoming	Harrison, Vir L., C-J.....Springville	
..... Hart, Sylvester Evensen, fa-F.....		..... Cowley, Wyoming	
..... Harston, Clarence B., ap-S.....	Cowley, Wyoming	Harston, Miles Briggs, ap-S.....	
..... Hart, Sylvester Evensen, fa-F.....		..... Cowley, Wyoming	
..... Harston, Clarence B., ap-S.....	Cowley, Wyoming	..... Raymond, Idaho	

Hartley, Gwen, A-J	Fairview	Hennefer, Jay Fisher, fa-S	Layton
Harton, Leo Wedge, A-F	Caliente, Nevada	Henrie, Myrleen, ap-F	Provo
Hashitani, George, ap-F	Nyssa, Oregon	Henrie, Robert Garth, C-F	Richfield
Hasler, J. William, G-ss	Provo	Herbert, Ana Faun, e-So	Salina
Hassell, Farol, C-J	Mammoth	Herbert, Leo, C-J	.....
Hassell, Thelma M., ss	Mammoth	.....	Douglas, Arizona
Hastings, Ether, e-So	Hurricane	Herbert, Ruth, C-Sp	Provo
Hatch, Ansel Wilder, ss	Bancroft, Idaho	Hermansen, Phyllis, e-J	Gunnison
Hatch, Charles, Steven, ss	Idaho Falls, Idaho	Herwagen, Arnold, G	Ogden
Hatch, Clifford LeRoy, A-F	Corinne	Heslington, David C., ss	Milford
Hatch, Ernestine, A-F	Col. Juarez, Chih., Mexico	Higgs, Norma, A-F	Salt Lake City
Hatch, Jos. M., ss	Idaho Falls, Idaho	Hilgendorf, John G., fa-Sp	Provo
Hatch, Logan Brimhall, A-F	Shelley, Montana	Hill, Marian Julia, ss	Ogden
Hatch, Noal K., A-So	Provo	Hjorth, Carlos L., A-Un	Springville
Hatch, Orville, A-F	Panguitch	Hills, Henry, G-ss	Ferron
Hatton, Chell E., ss	Farron	Hilton, Sadie Effie, ss	Rexburg, Idaho
Hatton, Don, ss	Kanosh	Hinchcliff, Mary, e-S	Idaho
Hatton, Elaine, ss	Fillmore	Hinckley, Cloid Leo, ss	.....
Hawker, Afton, A-So	Grantsville	.....	Rexburg, Idaho
Hawker, Mary, A-Sp	Grantsville	Hinckley, Elayne, A-F	Provo
Hawkes, Eugene, ss	Ogden	Hinckley, Ramona, fa-S	.....
Hawkins, Merrill D., C-So	American Fork	.....	Chicago, Illinois
Haws, Elwood Goodman, C-J	Provo	Hinckley, Rulon, G-ss	Hinckley
Haws, Gilbert Smith, A-So	Provo	Hinckley, Sylvia, A-So	.....
Haws, J. C., e-J	Escalante	.....	Chicago, Illinois
Hayes, Leith, e-So	Provo	Hinman, Edgar W., ap-J	.....
Hayes, Sheldon P., ss	Provo	.....	Cardston, Alta., Canada
Haymond, Howard Roland, C-So	Springville	Hirschi, Rae, C-Sp	Rockville
Haymore, Franklin Lant, C-F	Douglas, Arizona	Hitchcock, Helen, C-So	.....
Haymore, John Arnold, C-F	Douglas, Arizona	.....	Great Falls, Montana
Haymore, Franklin Reynard, C-J	Douglas, Arizona	Heslington, Mel, ss	Milford
Hayward, LaNell Ralph, C-So	Provo	Hess, Odean Lot, e-F	Brigham City
Hayward, Woodrow E., A-F	Montpelier, Idaho	Heward, Lester, e-F	.....
Heaton, Charlotte, e-So	Kanab	.....	Woodruff, Arizona
Hebertson, Thorit C., G-ss	Provo	Heywood Edith, ap-J	Panguitch
Hedquist, Dorothy Vivia, fa-So	Provo	Hiatt, Mildred Evelyn, ss	.....
Heggie, Bruce Meldrum, C-Sp	.....	.....	American Falls, Idaho
.....	Raymond, Alta., Canada	Hiatt, Nola Marie, ap-F	Payson
Heidenreich, Joe, C-F	Pleasant Grove	Hicken, Fay, e-F	Richmond
Heiner, H. Bartley, ss	McKinnon, Wyoming	Hicken, Orson Beck, e-S	Heber City
Heiner, Iris Jean, A-F	Oakley, Idaho	Hicken, Ralph Fisher, ap-So	.....
Heiner, Louise, A-F	Morgan	.....	Heber City
Helquist, Bernice R., ss	Blanding	Higby, Patricia Clare, A-So	Boise, Idaho
Hemingway, Donald Wm., fa-So	Ely, Nevada	.....	Santaquin
.....	Clifton, Idaho	Higginson, Essie, ss	.....
Hemingway, Thomas, A-J	Ely, Nevada	Higgs, Afton, A-J	Salt Lake City
Henderson, Dorothy, e-F	Draper	Hitchcock, Marcus Floyd, A-F	Provo
Henderson, Erwin C., A-S	Provo	Hobson, Glen George, C-S	Hoytsville
Henderson, Herman, ap-J	.....	Hodge, June A., A-So	Spanish Fork
.....	.....	Hodges, Ethel, ap-So	Logan
.....	.....	Hodgson, Roland, A-S	.....
.....	.....	.....	Newdale, Idaho
.....	.....	Hodson, Afton, e-S	Provo
.....	.....	Hodson, Mae Eliza, e-J	Provo
.....	.....	Hodson, Robert Gee, C-So	Provo
.....	.....	Hodson, Rosemary, ss	Provo
.....	.....	Hofer, Alceodene, e-So	.....
.....	.....	.....	Blackfoot, Idaho
.....	.....	Hoffer, Samuel Earl, A-Sp	Payson
.....	.....	Hogan, Eva, ap-J	Eureka
.....	.....	Hogge, Marelda, ss	Eden
.....	.....	Hohmann, Fritz Carl, A-F	.....
.....	.....	.....	Glen Cove, N. Y.
.....	.....	Holbrook, Alta, C-F	Bountiful
.....	.....	Holbrook, Helen, fa-J	Provo

## BRIGHAM YOUNG UNIVERSITY

Holbrook, Jean, e-F .....	Metropolis, Nevada
Holbrook, Vera, A-So .....	Provo
Holdaway, Clyde Amos, ap-S .....	Provo
Holdaway, Dorothy, C-F .....	Heber
Holland, Thelma Leora, fa-F .....	Glenns Ferry, Idaho
Holley, Irma, A-F .....	Mapleton
Holm, Floyd S., A-F .....	Springville
Holman, Helen, Maurine, A-F .....	Taber, Alta., Canada
Holman, Howard, A-F .....	Delta
Holman, Lenna, A-S .....	Manassa, Colorado
Holmstead, Jean Ellan, A-F .....	American Fork
Holt, Grant Robert, C-S .....	Provo
Holt, Isaac Bullock, C-Un .....	Raymond, Alta., Canada
Holt, Jesse Clyford, J-ss .....	Spanish Fork
Holt, Lula Bernice, ss .....	Midvale
Holt, Maxine, e-So .....	Midvale
Holt, Phyllis Carolyn, e-F .....	Tooele
Holyoak, John L., ss .....	Burley, Idaho
Homer, Miriam, C-F .....	American Fork
Hone, Melva, e-J .....	Spanish Fork
Hoover, Roland Lamar, A-S .....	Park City
Hopkin, Zona Elizabeth, e-F .....	Garland, Wyoming
Hopla, Cluff Earl, C-So .....	Mapleton
Hopper, Franklin T., ap-J .....	Spanish Fork
Horlacher, Ralph Milton, C-So .....	Ely, Nevada
Horr, Ruth L., fa-S .....	Junction, Colorado
Houston, Wallace Mat, A-F .....	Panguitch
Houtz, Charlotte Elizabeth, e-F .....	Provo
Houtz, Delia, e-J .....	Mapleton
Howard, Clara, ss .....	Huntington
Howard, Elmo Oris, ap-F .....	Pine, Arizona
Howard, Flora, ap-J .....	Huntington
Howard, Thomas Larson, ap-F .....	Pleasant Grove
Howe, Cruse Junior, fa-F .....	Provo
Howe, Orvil H., C-J .....	Provo
Howe, Wm. S., C-S .....	Provo
Howell, Darwin K., A-F .....	Provo
Hoyt, Helen Grace, G .....	Provo
Huber, Robt. E., Sp .....	Payson
Hughes, Marjorie, C-F .....	Buffalo, Wyoming
Hughes, Reed Gardner, C-S .....	Spanish Fork
Hughes, Ruth Frances, fa-So .....	Spanish Fork
Huish, Billy Hugo, A-So .....	Douglas, Arizona
Huish, H. Paul, G-ss .....	Rigby, Idaho
Hulet, Oscar, ss .....	Summit
Hull, Alvin C. Jr., G .....	Ogden
Hullinger, Orvel, e-S .....	La Point
Hullinger, Velma, A-F .....	La Point
Hulme, Benjamin Franklin, G-ss .....	Paris, Idaho
Hunn, Frances, ap-F .....	Provo
Hunn, Spencer S., A-F .....	Provo
Hunt, Arthur S., A-F .....	Pine, Arizona
Hunter, Cyrus Russon, e-J .....	Oakley, Idaho
Hunter, Quentin Farr, A-F .....	Oakley, Idaho
Huntington, Mary, A-F .....	Springville
Huntington, Stanley, ss .....	Castle Dale
Hurd, June, fa-So .....	Hill Spring, Alta., Canada
Hurst, Florence, ap-So .....	Panguitch
Hurst, Margaret, fa-So .....	Panguitch
Hurst, Mildred June, C-F .....	Sanderson, Texas
Hurst, Phyllis, G-ss .....	Los Angeles, Calif.
Hutchings, Brian LaMar, A-S .....	Midvale
Hutchings, Eunice Laurel, e-So .....	Lehi
Hutchings, Stanley Arthur, A-So .....	Midvale
Hvala, Louise, A-So .....	Salt Lake City
Hyland, Bernice, e-J .....	Hooper
Hylton, Edith, ap-Un .....	Heber City
Imlay, LeRoy Clark, A-F .....	Grantsville
Imlay, Luetta, e-J .....	Hurricane
Ipsen, Allen Loren, A-F .....	Bennington, Idaho
Ipsen, Donald, A-So .....	Bennington, Idaho
Isaksen, Henry Leo, A-J .....	Mountain View, Calif.
Isbell, Dean J., fa-S .....	Richfield
Iverson, Ivan Charles, C-J .....	Provo
Ivie, Carl, ap-F .....	Tabiona
Ivins, Anthony Hamblin, ap-F .....	Provo
Ivins, Bertha H., ap-Sp .....	Provo
Jackson, Elvon Gee, A-S .....	Boulder, Colorado
Jackson, Genevieve, e-So .....	Provo
Jackson, Louise, ap-So .....	Provo
Jackson, Martin, ap-F .....	Provo
Jackson, Norma, e-S .....	Boulder, Colorado
Jackson, Revo, ss .....	Teasdale
Jackson, Vereda, ap-F .....	Loa
Jacob, Milton E., ap-S .....	Provo
Jacob, Norman Allen, C-Sp .....	Provo
Jacobs, Bennett Harry, C-J .....	Rockland, Idaho
Jacobs, Briant Stringham, A-J .....	Mount Pleasant
Jacobs, Henry Chariton, ap-S .....	Mount Pleasant
Jacobs, Madge Arnold, fa-S .....	Provo
Jacobs, Mary, C-F .....	Pleasant Grove
Jacobson, Glory Adeline, e-F .....	Provo

Jacobson, Orlan Matthias, ap-F.....	Oak City
Jacobs, Rojanea, A-So .....	Cardston, Alta., Canada
Jacobson, Raymond, C-So .....	Provo
Jarvis, George Albert, G...St. George	
Jasperson, Shirl John, A-F.....Goshen	
Jeffery, Rondo Nelden, A-F .....	Delta
Jenkins, Arta, fa-F .....	Nephi
Jenkins, John Laird, ss .....	Logan
Jenkins, Ted Neil, A-F .....	Provo
Jensen, Ada Irene, A-So .....	Burlington, Wyoming
Jensen, Alva O., A-J .....	Provo
Jensen, Barry, A-F.....	Richfield
Jensen, Betha, fa-F.....Preston, Idaho	
Jensen, Beulah, fa-J .....	Provo
Jensen, Cannon Hibbert, G .....	Provo
Jensen, Clara Christine, ap-F.....Manti	
Jensen, Donald Liman, A-Un.....Neola	
Jensen, Elmo M., ap-Un.....Mapleton	
Jensen, Elsa, C-F.....Preston, Nevada	
Jensen, Florence H., fa-Sp.....Provo	
Jensen, Helen Anna, e-J .....	Manti
Jensen, Heber Golden, ss .....	Cardston, Alta., Canada
Jensen, Iola Josephine, A-Sp.....Provo	
Jensen, Ione, e-So .....	Elsinore
Jensen, J. Seymours, Sp.....Mt. Pleasant	
Jensen, Kenneth Denmark, e-F.....	Mantua
Jensen, Mae M., ss .....	Elsinore
Jensen, Mabel Ethel, A-J.....	Provo
Jensen, Marjorie Eva, e-So .....	Salt Lake City
Jensen, Mary, ss .....	Brigham City
Jensen, Maude Francell, e-J.....Ephraim	
Jensen, Mont, A-F .....	Moroni
Jensen, Phil D., C-So.....American Fork	
Jensen, Ray Oliver, e-S.....	Manassa, Colorado
Jensen, Raymond Strohl, A-F.....	Salt Lake City
Jensen, Robert Soren, ap-F.....Centerfield	
Jensen, Roland Aaron, ap-F.....Mantua	
Jensen, Stanley J., e-F .....	Redmond
Jensen, Uarda, G-ss.....Brigham City	
Jensen, Vern Harmon, A-F.....	Manassa, Colorado
Jensen, Vernon D., C-So.....	Preston, Idaho
Jensen, Walter Andrew, ss .....	Salt Lake City
Jensen, Whitney, C-So .....	Richfield
Jensen, Willard Gail, A-F....Centerfield	
Jenson, Nellie, e-F .....	Provo
Jepperson, Richard, fa-Sp .....	Provo
Jeppesen, Lillian, ss .....	Mantua
Jesse, Gertrude Patricia, C-So.....	La Grande, Oregon
Jewkes, Jackson O., ap-J.....	Price
Jex, Fawn, e-J.....	Spanish Fork
Jex, Fred R., C-F.....	Spanish Fork
Johansen, Anna, A-Un .....	Woolford, Alta., Canada
Johansen, Mable, C-So .....	Woolford, Alta., Canada
Johansen, Nellie, ap-So .....	Woolford, Alta., Canada
Johansen, Oral Eugene, e-So.....	Castle Dale
Johansen, Verl, A-Un .....	Lethbridge, Alta., Canada
Johansen, Verl E., ss.....Mt. Pleasant	
Johns, Elmer W., e-J.....	Ogden
Johnson, Afton, fa-So .....	Provo
Johnson, Alton Maurice, A-Un.....Vernal	
Johnson, Arnold Carleton, A-So.....	
Johnson, Bernard Hyrum, ss .....	Lavel, Wyoming
Johnson, Bessie, fa-F .....	Nampa, Idaho
Johnson, Beth, fa-F .....	Circleville
Johnson, Cleoma, C-So .....	Elsinore
Johnson, Dorothy Carolyn, e-J....Nephi	
Johnson, Eda Idell, fa-F.....Fillmore	
Johnson, Ethel, e-J .....	Ephraim
Johnson, Frank Peter, A-F .....	Provo
Johnson, Fred D., A-So .....	Provo
Johnson, Fred L., C-So .....	Richfield, Idaho
Johnson, George Edwin, ap-So....Provo	
Johnson, Gwen, fa-F .....	Richfield
Johnson, Herbert, A-F .....	Provo
Johnson, Howard Melvin, ap-F.....	Springville
Johnson, Irvin Ludvig, ap-So....Provo	
Johnson, J. Mack, A-F.....	Benjamin
Johnson, L. LaVan, A-J.....Payson	
Johnson, La Neve, A-F.....	Moab
Johnson, LaVell F., ss .....	Provo
Johnson, Lloyd Magnas, A-F.....	Lakeside, Arizona
Johnson, Lora M., ss .....	Moab
Johnson, Margaret Elizabeth, e-J..	
Johnson, Martha F., e-Sp.....	Provo
Johnson, Martha J., A-F .....	Pleasant Grove
Johnson, Martha J., A-F .....	Moab
Johnson, Maureen M., G .....	
Johnson, Nelda, fa-J .....	Las Vegas, New Mexico
Johnson, Nelda, fa-J .....	Springville
Johnson, Ralph Doran, C-Un....Provo	
Johnson, Ray, C-F .....	Leamington
Johnson, Robert O., A-J .....	Lehi
Johnson, Rulon Heber, A-F.....	Provo
Johnson, Ruth Amanda, e-So.....Manti	
Johnson, Steve B., A-S.....	Marysville, Calif.
Johnson, Van, fa-So .....	Cowley, Wyoming
Johnson, Wanda, G-ss .....	Vernal
Johnson, Wilford T., ss .....	
Johnson, Zola, e-J .....	Spanish Fork
Johnson, Zola, e-J .....	Huntington
Johnston, Helen Marbra, e-So.....	American Fork
Johnston, James Delwin, A-F.....	Blackfoot, Idaho
Jolley, Calvin Barnson, A-So.....	Long Beach, Calif.

## BRIGHAM YOUNG UNIVERSITY

Jolley, Eileen, e-F .....	Provo
Jones, Alice G-ss .....	Provo
Jones, Andrew Jackson, ss.....	Sandy
Jones, Blanche, fa-Un .....	Provo
Jones, Catherine, Sp.....	Eureka
Jones, Calvin Elmar, C-F.....	
..... Byron, Wyoming	
Jones, Dessie Emma, e-J....St. George	
Jones, Dixon, C-F....Portland, Oregon	
Jones, Elroy, Sp.....	Price
Jones, Emil Obie, C-J....Salt Lake City	
Jones, Etta, ss .....	Provo
Jones, Irene, ap-F.....American Fork	
Jones, Jay Petty, e-F.....	Provo
Jones, LaVar, A-So.....Byron, Wyoming	
Jones, Leslie William, C-F.....	
..... Evanston, Wyoming	
Jones, Louise, ss.....Malad, Idaho	
Jones, Maurice Albert, G .....	Provo
Jones, Maurice Ellis, fa-F.....Payson	
Jones, Que D., C-F....Byron, Wyoming	
Jones, Ruth, fa-Un .....	Provo
Jones, Sara, Sp.....Malad, Idaho	
Jones, Saxon M., e-F.....Ioka	
Jones, Shadrach H., e-S.....	Provo
Jorgensen, Brandt Davis, G-ss....Kanab	
Jorgensen, Calva, e-J .....	Leota
Jorgensen, Dorothy, e-F .....	Price
Jorgensen, Pearl, ss....American Fork	
Jorgensen, Rea Wilson, ss.....Kanab	
Jorgenson, Everett Mylo, E-S.....Peoa	
Joseph, John Franklin, ss.....Beaver City	
Joseph, Kenneth Marsden, A-F.....	
..... Parowan	
Judd, Mildred, C-F.....La Verkin	
Judkins, Leonard Newell, G-ss.....	
..... Rigby, Idaho	
Justesen, Bernice, ss.....Spring City	
Kapple, Betty Lou, ap-F.....Payson	
Kartchner, Fred D., Sp.....Provo	
Kaye, Beth, C-F .....	Eureka
Kearl, James Wayne, A-So.....	
..... Cardston, Alta., Canada	
Kearl, Merlin Katherine, C-So.....	
..... Cardston, Alberta, Canada	
Keele, Vern Warner, A-So.....	
..... Spanish Fork	
Keeler, Virginia Bowles, fa-Sp....Provo	
Keller, Lillian Shirley, fa-F.....	
..... Phoenix, Arizona	
Keller, Vivian, fa-F .....	Manti
Kelley, Bernice, fa-So....Shelley, Idaho	
Kelley, Irving Berry, A-J.....	
..... West Harwich, Mass.	
Kelly, Bruce, e-F....Las Vegas, Nevada	
Kelly, Cornelia C., ap-So.....	
..... St. Anthony, Idaho	
Kelly, Ralph Sanford, A-S.....	
..... St. Anthony, Idaho	
Kemp, Kelvin Richard, A-F....Murray	
Kemp, Starr Gideon, fa-F.....	
..... Colorado Springs, Colorado	
Kempton, Howard William, A-So....	
..... Payson	
Kennedy, Otto Reay, C-J....Randolph	
..... Kennington, Genoa, ap-F .....	
..... Preston, Idaho	
Kerley, Richard J., C-So.....	
..... Tuba City, Arizona	
Kesler, June Harriette, A-So....Provo	
Kettle, Ora Ann, ap-F.....Roosevelt	
Killian, George W., e-S.....Orangeville	
Killpack, Marjorie, e-J .....	
..... Idaho Falls, Idaho	
Killpack, Merlin Leo, A-Sp.....Provo	
Killpack, Reece Alexander, C-F.....	
..... Ferron	
Kimball, Althea A., G-ss.....Provo	
Kimball, C. Rodney, A-Sp.....Provo	
Kimball, Edwin Roberts, G .....	Provo
Kimball, Gwen Roberts, e-So....Draper	
Kimball, LeNeve M., A-Sp.....Provo	
Kimball, Thomas Lloyd, ap-J.....	
..... Phoenix, Arizona	
Kimber, Afton H., e-F.....Provo	
Kindred, Ted Ross, A-So....Springville	
King, Dale G., ap-F.....Grace, Idaho	
King, Dwight Lyman, C-J.....Provo	
Kirk, Erva, A-F.....Pleasant Grove	
Kirk, Wayne Cassity, fa-F.....Tooele	
Kirkham, Bessie, G .....	Provo
Kirkham, Mary, e-So .....	Provo
Kirkham, Ned, C-So....Salt Lake City	
Kirkham, Ralph Nathan, fa-S.....Provo	
Kitchen, Hazel Margaret, ap-So..Provo	
Kjar, Maurine, ap-S .....	Manti
Klemme, Bob Allen, e-So .....	
..... Bozeman, Montana	
Klingler, Karl Cardon, A-J.....	
..... St. Anthony, Idaho	
Kloth, William James, A-J.....	
..... Huntington Park, Calif.	
Knaphus, Ned Donald, C-F....Richfield	
Knott, Emelia Danielsen, G-ss.....	
..... Council Bluffs, Iowa	
Knowlton, Bryant Sutton, G-ss.....	
..... Grantsville	
Knowlton, Ester, ap-F .....	Layton
Knudsen, Beth Leone, e-J.....Provo	
Knudsen, Donna Merline, e-F.....Provo	
Knudsen, Eudora, ap-J .....	Lehi
Knudsen, Glenn Eldon, C-F.....Provo	
Knudsen, Leola, e-J .....	Provo
Knudsen, Moyle, e-J .....	Portage
Knudsen, (Ames) Russel, A-F.....Lehi	
Koch, Leslie Charles, A-So .....	
..... Salt Lake City	
Kocherhans, Lavor Parry, C-S....Provo	
Kreisman, Arthur, A-F .....	
..... Roxbury, Mass.	
Krueger, Beth, Marie, A-S.....	
..... Spanish Fork	
Krueger, Grace Letetia, ss .....	Spanish Fork
Kump, LaVar, e-S .....	Provo
Lacy, Glenn Bentley, C-Sp....Bountiful	
Lake, Boyd Carroll, fa-F.....Oakley	
Laker, Willard E., G-ss.....Price	
Lallatin, Vivianne, A-F .....	
..... Soda Springs, Idaho	

Lambert, Carlyle Ballif, A-S.....	Provo
Lambert, Edith Marelle, C-Sp.....	Provo
Lambert, Florence B., ss.....	Provo
Lambert, James Everard, C-S.....	Provo
Lambert, Maurice C., A-J....Roosevelt	
Lambert, Merial Clark, C-Un.....	
..... San Francisco, Calif.	
Lambert, Paul Woodbury, A-F.....	
..... Salt Lake City	
Lambert, Theron, G .....	Roosevelt
Lamph, Max D., C-So.....	Provo
Lancy, Theon, A-F .....	Springville
Langston, Grant, e-S .....	Rockville
Larsen, Alice Myrup, ss.....	Ouray
Larsen, Celia G., e-S .....	Provo
Larsen, Don, C-So.....	Spanish Fork
Larsen, Don Hyrum, A-So.....	Provo
Larsen, H. Gordon, G.....	Provo
Larsen, Harold S., C-S .....	Sandy
Larsen, Herbert Rex, A-S.....	
..... Heyburn, Idaho	
Larsen, Ilene Sara, e-F.....	Cleveland
Larsen, Jay Reed, ap-F.....	Fairview
Larsen, Marion R., A-J .....	
..... Rexburg, Idaho	
Larsen, Max Walter, fa-F.....	Monroe
Larsen, Nedra, C-F .....	Provo
Larsen, Norma, e-So.....	Elko, Nevada
Larsen, Ronald F., A-S.....	Provo
Larsen, Thomas Calvin, A-So.....	
..... Pleasant Grove	
Larsen, Va Netta, ss.....	Mt. Pleasant
Larson, Arvid D., ss.....	Cleveland
Larson, Elwood A., e-So.....	Cleveland
Larson, L. LaMar, A-So.....	Gunnison
Larson, Preston, e-J.....	St. George
Larson, Ross Tolman, A-F.....	
..... Oakley, Idaho	
Larson, Sterling C., G-ss.....	Richmond
La Turner, Belle, A-F.....	Huntington
Law, Elcee, e-S .....	Delta
Law, Glen Arthur, fa-F.....	Springville
Lawlor, Francis Earl, A-So.....	
..... Picture Butte, Alta., Canada	
Laws, Elroy Devon, A-So.....	Provo
Laws, L. Kenneth, A-F.....	Provo
Laws, Wilford Derby, A-J.....	Blanding
Laycock, Harold Redd, G-ss.....	
..... Lethbridge, Alta., Canada	
Laye, Rhoda, e-J .....	Richfield
Layton, Lucile H., ap-So.....	Layout
Leak, Irene, e-F .....	Midvale
Leary, Vera, C-F.....	Santa Paula, Calif.
Leatherbury, Jack, A-So.....	Eureka
Leavitt, Hafen W., ap-J .....	
..... Mesquite, Nevada	
Le Baron, Arthur Bentley, C-So.....	
..... Barn., Alta., Canada	
Le Baron, Owen Donald, A-F.....	
..... Barnwell, Alta., Canada	
Le Beau, Boneta Elmaida, A-S.....	
..... Roosevelt	
Le Beau, Lavar Ina, e-So.....	Roosevelt
Lee, Arshal A., ap-F.....	Panaca, Nevada
Lee, Dwight, A-F.....	Malta, Idaho
..... San Francisco, Calif.	
Lee, Harold W., G.....	
..... Cardston, Alta., Canada	
Lee, Idonna, fa-So....Idaho Falls, Idaho	
Lee, Lorine, A-Sp .....	Provo
Lee, Rachael Low, e-J.....	Provo
Lee, Virginia F., fa-S .....	Provo
Lees, Thelma Irene, A-S.....	
..... Los Angeles, Calif.	
Le Fevre, Earl, A-F.....	Panguitch
Le Fevre, Reginald, E-F.....	Midvale
Lemon, Searl Alvin, A-F.....	Roosevelt
Lentz, Orabel, Sp .....	Provo
Leonard, E. Guy, ss.....	Huntington
Leonard, Ronald J., ss.....	Huntington
Leonard, Wilson Drew, C-J.....	
..... Huntington	
Lessing, Barbara Rae, ap-F.....	Beaver
Le Sueur, Waldo Young, A-J.....	
..... Mesa, Arizona	
Levi, Milbert, ss.....	Idaho Falls, Idaho
Levin, Stella, C-Sp .....	Provo
Lewis, Ben E., C-So.....	Salt Lake City
Lewis, Edwin S., ap-F .....	Provo
Lewis, George Lowell, fa-F .....	
..... Preston, Idaho	
Lewis, H. LeGrande, A-J.....	Provo
Lewis, John Dean, C-S .....	Provo
Lewis, Lorean, e-J.....	Overton, Nevada
Lewis, Russell D., C-F .....	Provo
Lewis, Walter Malin, C-So.....	
..... Salt Lake City	
Liechty, Carroll Brigham, A-F.....	
..... Springville	
Liechty, Louise Martha, e-So.....	Provo
Lillywhite, John Phillip, G-ss.....	
..... Brigham City	
Lindley, Carl A., fa-So .....	Provo
Lindsay, Areva, e-So .....	Heber
Lindsay, Charlotte, C-J .....	
..... Phoenix, Arizona	
Lindsay, Vilate, e-F .....	Heber
Linebaugh, Francis Kayle, e-F.....	
..... Pleasant Grove	
Linebaugh, Lecta Lou, A-F.....	
..... Pleasant Grove	
Little, Harriet F., ss.....	Magna
Livingston, Faun, ss.....	Provo
Livingston, Marietta, ap-So.....	Provo
Lloyd, Doris, e-F .....	American Fork
Lloyd, Evelyn, e-F .....	Provo
Lloyd, Vaughn Leo, e-S.....	Riverton
Lodge, Patricia, e-S .....	Tooele
Losee, Warren E., e-S.....	Provo
Lott, Keith D., ap-F .....	Lehi
Loveland, La Vere M., A-J .....	
..... Rupert, Idaho	
Loveless, Austin Gudmud, ap-F.....	
..... Copperton	
Loveless, Helen, fa-J.....	Copperton
Lovell, La Forge A., C-So.....	
..... Leamington	
Loveridge, Richard Leroy, C-J.....	
..... Springville	
Low, Beth, C-So .....	
..... Cardston, Alta., Canada	

## BRIGHAM YOUNG UNIVERSITY

Lowry, Rulon W., e-J .....	Provo
..... Taylorville, Alta., Canada	
Luce, Willard Ray, e-J .....	Price
Lunceford, Clyde, ap-So .....	Provo
Ludlow, Bert Jones, C-So .....	Spanish Fork
..... Mount Pleasant	
Lundquist, Earl B., C-S .....	Ogden
Lundquist, Junior, G .....	Ogden
Lundquist Ruth Olive, A-J .....	Ogden
Lunt, Jane, e-F .....	Nephi
Lybbert, Daniel Harden, C-Un .....	Glen., Alta., Canada
..... Lyman, Wyoming	
Lyman, Angie F., ss .....	Lyman, Wyoming
Lyman, Edith Gee, e-G .....	Provo
Lyman, Willis J., G-ss .....	Lyman, Wyoming
..... Vernal	
Lyon, George E., A-F .....	Vernal
Lyon, William Jennings, A-So .....	Hastings, Nebraska
McAffee, Boyd Harmon, e-So .....	Provo
McAffee, Don B., fa-F .....	Provo
McAllister, Brigham Wells, G-ss .....	Price
McAllister, Dorothy, ap-J .....	Spanish Fork
McAllister, Eleanor, C-F .....	American Fork
McAllister, Lucille, ap-F .....	Santa Barbara, Calif.
McAllister, LuZene W., e-J .....	Kanab
McBeth, Naomi Tietjen, G-ss .....	Santaquin
McBeth, Paul M., e-S .....	Payson
McBride, Max Elliott, A-F .....	Grantsville
McCaffery, Virginia Manchester, Sp .....	Provo
McCamish, David Alfred, A-F .....	Belle Fourche, S. Da.
..... Owen Clyde, A-So .....	Castle Dale
McCleve, Myrna, e-F .....	Holbrook, Arizona
McConkie, Ruth, A-F .....	Moab
McCullough, Barbara Wilmetta, e-S .....	Ouray, Colorado
McCune, Ruth, C-J .....	Ogden
McDougal, James Lorne, e-Sp .....	Campbellsport, Wis.
McElprang, Bertha Mae, A-F .....	Huntington
McEwan, Joseph Woodruff, C-S .....	Salt Lake City
McFarlane, Mary Malinda, e-F .....	Cleveland
McGregor, Mary, G .....	Provo
McGuire, Dorothy, A-J .....	Provo
McIntire, Junius M., A-So .....	Price
McIntosh, Edwin J., ap-Un .....	Mount Pleasant
..... Ogden	
McKay, Donald Shorten, fa-J .....	Mount Pleasant
McIntosh, F. Fern, e-J .....	Vernal
McKee, Lynne Curtis, A-F .....	Spanish Fork
..... Salt Lake City	
McKell, Mary Celia, ss .....	Provo
McKell, Mark Allen, C-So .....	Spanish Fork
McKenzie, Wm. Howard, A-S .....	Springville
McKnight, James Clayton, C-F .....	Moreland, Idaho
McLesse, William Arnott, C-F .....	Salt Lake City
McMullin, DeLoys, C-J .....	Midvale
McMurray, Wendell, C-F .....	Oakley, Idaho
McNeill, Afrra, C-F .....	American Fork
McOmie, Clara Petersen, e-J .....	Lark
McPhee, Mary Lucille, e-F .....	Calgary, Alta., Canada
McPherson, Jane A., ss .....	Nephi
McPhie, Hazel M., ss .....	Provo
McTague, Wayne Robinson, e-So .....	American Fork
..... Salt Lake City	
Mabey, Sarah, C-F .....	Bountiful
Macdonald, Brigham Riggs, e-F .....	Kanab
Macfarlane, Geraldine, fa-F .....	Pleasant Grove
..... Salt Lake City	
Mackay, Ella Mabel, C-Un .....	Murray
..... Fairview	
Mackay, LaVelle, ap-F .....	Manti
Madsen, Allan, ap-So .....	Beulah Verena, fa-F .....
..... Riverton	
Madsen, E. Coleman, ap-F .....	Provo
Madsen, Eva, ss .....	Provo
Madsen, Evan Andrew, G-ss .....	Safford, Arizona
..... Mount Pleasant	
Madsen, Howard Fred, a-J .....	Manti
..... Provo	
Madsen, Marion, ap-F .....	Heber
Madsen, Neola E., G-ss .....	Afton, Wyoming
..... Cowley, Wyoming	
Madsen, Parley, William Jr., A-F .....	Fairview
..... Afton, Wyoming	
Madsen, Russell J., ap-J .....	Levan
Madsen, Ted Eugene, C-F .....	Monroe
Madsen, Thelma, e-J .....	Heber
..... G-Sp .....	
Magleby, Burns E., C-J .....	Markham, Mae, e-S .....
..... American Fork	
Magleby, Ward H., e-J .....	Spanish Fork
..... Spanish Fork	
Mahoney, Denton Thomas, A-F .....	Marriott, Helen Rosemarie, A-J .....
Mallory, Gladys Call, G-Sp .....	Ogden
..... Provo	
Mallory, John Charles, G-ss .....	Provo
..... Afton, Wyoming	
Mangelson, CoDeal, e-F .....	Peoa
Mangum, William Lester, C-F .....	Peoa
Manwaring, Everett A., A-F .....	Peoa
Marchant, Elloyd Tippetts, fa-So .....	Peoa
..... Cowley, Wyoming	
Marchant, Erma, e-J .....	Peoa
Marchant, Hazel M., e-J .....	Peoa
Marchant, Mary, e-J .....	Peoa
Marchant, Moroni A., ap-Sp .....	Peoa
Marchant, Preston Thomas, ap-F .....	Peoa
Markham, Mae, e-S .....	Spanish Fork
Marriott, Helen Rosemarie, A-J .....	Spanish Fork
Marrott, Ray Lewis, A-F .....	Provo

Marsden, Althea, G.	Cardston, Canada	
Marsh, Edith, e-S.....	Alpine City	
Marshall, Helen, C-F .....	Provo	
Marshall, Mildred, e-F .....	Panguitch	
Martell, Wanda Louise, ap-F .....		
.....Fort Pierce, Florida		
Martin, Flora Helen, ap-So.....	Ronan, Montana	
Martin, James Paxman, ap-S.....	Provo	
Martin, Joseph Eddy, A-J .....	Menan, Idaho	
Martin, Mac, A-F.....	Oakley, Idaho	
Martineau, Carl Pierre, fa-Sp.....	Provo	
Martineau, Florence, ss .....		
.....St. Anthony, Idaho		
Martineau, June, G.....	Pocatello, Idaho	
Mason, Ferrol D., A-F .....	Provo	
Mason, LaMar, ss .....	Ogden	
Mason, Lorraine, e-Un .....	Aurora	
Mathews, Freeda, A-So .....	Panaca, Nevada	
Mathews, Kate, ss .....	Provo	
Mathis, Elizabeth Mary, ap-F.....	Price	
Mathis, Fae, e-J .....	New Harmony	
Mathis, Leslie Albert, A-F.....	Price	
Mathis, Max Dilworth, A-F.....	Price	
Maughan, Angus M., G-ss.....	Richfield	
Maughan, Vivian, Sp .....	Ogden	
Maxwell, B. Alva, G-ss.....	Circleville	
Maxwell, Lin V., ap-S .....	Eagar, Arizona	
Maxwell, M. Eldridge, G-ss .....	Eagar, Arizona	
Maxwell, Mary Holbrook, ss.....	Circleville	
May, Chester H., C-S.....	Rupert, Idaho	
May, Rhoda Beth, C-F .....		
.....Cardston, Alta., Canada		
Mayer, Charlotte Louise, ap-So.....	Manderson, Wyoming	
.....Manderson, Wyoming		
Maynard, Kenneth Henry, e-F.....	Riverton	
Mayne, Steven Lynn, A-F.....	American Fork	
Mead, Elwood, A-F .....	Boulder City, Nevada	
Mecham, Dee S., C-F.....	Wallsburg	
Mecham, Lorna, A-So .....	Provo	
Meeks, Gladys, C-So .....	Bicknell	
Meeks, Margaret, ap-So .....	Bicknell	
Meiling, Virginia, fa-J .....	Lehi	
Meldrum, Ida, A-F .....	Kaysville	
Meldrum, Velma, ss .....		
.....Raymond, Alta., Canada		
Mellor, Merrill Paul, ap-F.....	Fayette	
Memrott, LaPrele, C-J .....	Provo	
Mendenhall, Dean, C-F .....	Provo	
Mendenhall, Max D., fa-J .....	Provo	
Meredith, Cleo Joanne, C-So.....		
.....Belle Fourche, South Da.		
Menzies, Lila, ap-S .....	Provo	
Mensel, Marjorie Delight, fa-So.....	Provo	
Merkley, Royal R., A-F.....	Tridell	
Merrill, Bently Charles, C-Sp.....	Provo	
Merrill, Dean Joseph, ap-F.....		
.....Payette, Idaho		
Merrill, Eliza D., fa-Sp .....	Provo	
Merrill, Harriet, e-J .....	Smithfield	
Merrill, Marjorie E., e-So.....	Richmond	
Merrill, Paul J., A-J .....	Provo	
Merrill, Ruby, e-F .....	Provo	
Merrill, Vernon Newlove, G.....	Price	
Merrill, Zeela Moody, G-ss.....	Price	
Merryweather, Atha, ap-J .....		
.....Cedar City		
Metcalf, Marvin Earl, C-So.....	Idaho Falls, Idaho	
Meyrick, Verl, ss.....	Mount Pleasant	
Mickelsen, Gail, e-J .....	Draper	
Mildenhall, Ruthe, e-So .....	Provo	
Miller, A. Woodruff, ap-J .....		
.....St. Anthony, Idaho		
Miller, Alma Glenn, ss .....	Magrath, Alta., Canada	
Miller, Annabell, ss.....	American Fork	
Miller, Betsy, fa-F.....	Hyrum	
Miller, David Eugene, G-ss.....	Syracuse	
Miller, Frances C., ap-Sp .....	Provo	
Miller, George Lewis, e-J.....	Tremonton	
Miller, LaVell C., A-F .....	Mohrland	
Miller, Lowell Storrs, A-So.....	Provo	
Miller, Vivienne P., e-J .....		
.....Basin, Wyoming		
Miller, Wayne, A-F .....	Springville	
Miller, William Delmer, C-F .....		
.....Claresholm, Alta., Canada		
Millet, Floyd, G .....	Provo	
Mills, Joseph Ray, A-So .....	Pleasant Grove	
Milner, Ruby Jeanne, A-So.....	Wellington	
Miner, Delbert Lamar, A-S .....	Provo	
Miner, Fred Reid, C-S .....	Magna	
Miner, Harold Paul, C-So.....	Springville	
Miner, Harriett, A-S .....	Springville	
Miner, J. Edwin, e-So .....	Fairview	
Miner, Leah, C-F .....	Fairview	
Miner, Mary, A-So .....		
.....Philadelphia, Penn.		
Miner, Thais, C-F .....	Provo	
Mines, Herman Gayle, e-S .....	Murray	
Mitchell, Katherine, ss .....	Provo	
Mitchell, L. Wm., Sp.....	Provo	
Mitchell, Robert Brown, e-So.....	Parowan	
Moe, Edward Owen, C-S .....	Provo	
Moe, Mildred Lane, A-Sp.....	Provo	
Moffit, Jane, e-J .....	Castle Dale	
Moffat, Max Herbert, C-J .....		
.....Los Angeles, Calif.		
Moffitt, Mayna, A-F .....	Provo	
Moffitt, Melba, e-J .....	Orangeville	
Monson, A. Bardell, A-So .....		
.....Pleasant Grove		
Montgomery, Lecia Elaine, e-So.....	Heber	
Montgomery, Louise, e-S .....		
.....Corpus Christi, Texas		
Montgomery, Victor Ray, ap-F.....	Heber	
Moody, Edgar R., G-ss.....	Milford	
Moody, Milton Ward, G-ss.....	Delta	
Moody, Virginia, e-J .....	St. George	
Moon, Dora, ap-S .....	Hanna	
Moon, Marjorie, e-J .....	Hanna	
Moore, Eleanor, ap-J.....	Spanish Fork	

## BRIGHAM YOUNG UNIVERSITY

Moore, Lenord Daniel, A-So .....	Spanish Fork
Moore, Walter Harvey, G .....	Spanish Fork
Moorefield, Robert Sutton, A-F..Provo	
Moran, Tim, C-F .....	Spanish Fork
Morby, Jean, ap-F.....Pleasant Grove	
Morgan, Ralph John, e-S .....	Spanish Fork
..... Spanish Fork	
Morrell, Helen C., ss .....	Lyman
Morrell, Katherine, fa-So.....Ogden	
Morrill, Horace LeRoy, e-F.....Tridell	
Morrill, Lynne, e-F .....	Tridell
Morris, Rachel P., ap-Sp.....Provo	
Mortensen, Arthur Marion, fa-Un..	Venice, Calif.
..... Venice, Calif.	
Mortensen, Chris Ivon, C-J....Riverton	
Mortensen, Muriel Mae, e-F..Cleveland	
Moser, Al Eugene, C-F.....	Denver, Colorado
..... Denver, Colorado	
Moss, Jas. E., G-ss.....Salt Lake City	
Moss, James Wayne, G-ss.....Ogden	
Moss, Wardell Harmon, A-J .....	Iona, Idaho
..... Iona, Idaho	
Mousley, Ella, e-S .....	Riverton
Mower, Doris, C-F .....	Provo
Mower, Harold Jerome, A-S.....Provo	
Mower, Marvin Lavern, A-F..Fairview	
Mower, Orson W., C-S.....Ogden	
Moyes, David Ivan, A-F .....	Murtaugh, Idaho
..... Murtaugh, Idaho	
Muhlestein, Sterling R., A-So.....Provo	
Muhlestein, Wanda, fa-Un.....Provo	
Munk, Carol, fa-So .....	Manti
Munk, Orpha, ss .....	Manti
Munk, Vera, fa-F.....	Manti
Munns, Ruth, ss .....	Tremonton
Munson, Voyle, A-J .....	Escalante
Murchison, Gertrude, Sp .....	Provo
Murdock, Carlie, e-J .....	Beaver
Murdock, Effie Morton, ss.....Heber	
Murdock, Elaine Frances, e-F.....	
..... Blackfoot, Idaho	
Murdock, Elroy, e-So .....	Provo
Murdock, Maurine, fa-S .....	Provo
Murphy, Thelma Sanderson, e-S.....	
..... Fairview	
Murri, Lois Elda, e-S .....	St. Anthony, Idaho
..... St. Anthony, Idaho	
Murry, Mark Hanna, C-J.....Provo	
Myers, Edna, C-Un .....	Provo
Myers, Ethelyn M., C-So.....Provo	
Myrup, Edna, A-F .....	Ouray
Nance, LuDema, Sp...Idaho Falls, Ida.	
Nash, June Hurly, e-F .....	Provo
Naylor, Joseph Alan, C-J.....Bountiful	
Neill, Jeanne, A-So.....Springville	
Nelson, Anna, ss .....	Provo
Nelson, Dona, ss .....	Spanish Fork
Nelson, Earl Worthen, A-S.....	
..... Rexburg, Idaho	
Nelson, Gladys Sorenson, ss.....Provo	
Nelson, Harold S., G-ss..Brigham City	
Nelson, Lena, ss .....	St. George
Nelson, Lynn A., A-J.....Provo	
Nelson, Marjorie, ap-Sp .....	Provo
Nelson, Milton Andrew, G-ss....Provo	
Nelson, Nadene Alleen, e-F.....Ferron	
Nelson, Charlotte, fa-S....Taylor, Ariz.	
Nelson, Clifford, fa-S .....	Provo
Nelson, Kenneth Peter, e-So....Ferron	
Nelson, LeGrand L., C-Sp.....Provo	
Nelson, Leona, A-S .....	Elberta
Nelson, Marion, e-J .....	Springville
Nelson, Maurine, e-J .....	Springville
Nelson, Owen, ss .....	Draper
Nelson, Ray Conder, A-So .....	American Fork
..... American Fork	
Nelson, Vince Young, A-F .....	Rexburg, Idaho
Nelson, Willard Call, A-So.....Provo	
Nelson, Winifred J., fa-So.....Ferron	
Nelson, Wyla Johnson, A-Sp....Provo	
Neves, Vera Moe, e-F .....	Burlington, Wyoming
..... Burlington, Wyoming	
Neville, Sherrill W., C-S .....	Salt Lake City
..... Salt Lake City	
Newcomer, Vincent, fa-S .....	Morgan
Newell, Jane Alice C-So.....Provo	
Newell, Mervin Clark, e-J.....Mona	
Newell, Wm. Lynn, ap-J.....Provo	
Newey, Ernest Newton, C-S.....Ogden	
Newren, Alfred Leon, A-F.....Provo	
Nicholes, Eleanor Louise, G-ss....Provo	
Nicholes, Joseph Kelly, G-ss....Provo	
Nicholes, Max Maiben, ap-J.....Provo	
Nicholes, Ruth, e-F .....	Provo
Nichols, Maxine, ss....Rexburg, Idaho	
Nicholson, Jennie, ss.....Filer, Idaho	
Nickerson, Sarah, fa-J.....Grantsville	
Nickle, Albert J., A-F .....	Delta
Nielson, Alta Lorraine, C-F.....	
..... Salt Lake City	
Nielson, Earl LaMar, ss .....	Vernal
Nielson, Elmer A., ss.....Castledale	
Nielson, Eve, e-F .....	Manti
Nielson, Ida, A-F.....American Fork	
Nielson, Ida Ellenor, ap-F .....	
..... Mount Pleasant	
Nielson, Ione, ap-F .....	Mapleton
Nielson, J. Grant, C-J.....Springville	
Nielson, James Emeal, ap-So....Salina	
Nielson, Jean, e-So .....	Hyrum
Nielsen, Lalia Mary, ap-So .....	
..... Idaho Falls, Idaho	
Nielsen, LaRee, e-So .....	Hyrum
Nielson, McKay, A-J .....	Washington
Nielsen, Merlin O., ap-F .....	Moroni
Nielsen, Richard Lee, C-F .....	Salina
Nielsen, R. Lamont, G-ss....Roosevelt	
Nielson, Ross, F., C-F.....Fairview	
Nielson, Ross Taylor, C-So....Richfield	
Nielson, Wayne J., A-F..Shelley, Idaho	
Nims, Curtis Rhodes, A-Un.....Provo	
Nisson, Antone, G .....	Provo
Nixon, Grace Lea, A-F ...Castle Dale	
Norton, Dexter George, A-F.....Provo	
Norton, A-F .....	Murray
Noyes, Jos. Reed, ss.....Ephraim	
Nuttall, Winifred Randall, A-So.....	
..... Boise, Idaho	

Oakden, Hortense, e-So.....	Beaver
Oaks, Eunice, C-So.....	Vernal
Oaks, Iris, C-F.....	Vernal
Oberhansly, Bernard Clyde, ap-Un....	
..... Oberhansly, Phyllis Hazel, fa-S.....	Neola
..... Roosevelt	
Odell, Alys, fa-F.....	Ogden
Ogden, Max, A-F.....	Richfield
Oldham, Fern, e-F.....	Mt. Pleasant
Oldroyd, Golden C., Sp.....	Fairview
Oldroyd, Irvin, Peter, ss.....	
..... Fountain Green	
Oldroyd, Reed Irvin, A-J.....	
..... Fountain Green	
Oldroyd, Una, e-F.....	Venice
Oiphant, Elgin, A-S.....	Provo
Ollerton, Marion E., A-F.....	Provo
Olsen, Anna, ap-S.....	Provo
Olsen, Chester Leon, A-F.....	Provo
Olsen, Crista, Sp.....	Payson
Olsen, Dean E., ap-S.....	Provo
Olsen, Dean Lewis, ap-F.....	Provo
Olsen, Garn J., ss.....	Spring City
Olsen, Georgia, Sp.....	Fairview
Olsen, Geraldine, C-F.....	Provo
Olsen, H. Lowell, A-S.....	Provo
Olsen, Harry Adolph, C-F.....	Magna
Olsen, J. Lee, e-J.....	Salt Lake City
Olsen, John Glade, ap-F.....	Payson
Olsen, Richard D., C-F .....	Neola
Olsen, Sterling Robertson, A-S.....	Spanish Fork
Olsen, Thera Lou, ss.....	Manti
Olsen, Vern, ap-J.....	
..... Beazer, Alberta, Canada	
Olson, Boyd E., A-F.....	Fairview
Olson, Christian Garth, C-S.....	Payson
Olson, Crista, ss.....	Payson
Olson, Deon H., ap-F.....	Payson
Olson, Jay Allred, C-J.....	Provo
Olson, Rees Garn, fa-F.....	Payson
Orser, W. Dee, C-F.....	Roosevelt
Oscarson, John S., G-ss.....	Marysville
Ossmen, Elvin H., C-Un.....	Rigby, Idaho
Ostler, Fern, A-F.....	Springville
Oswald, Dale LeRoy, C-So.....	
..... Idaho Falls, Idaho	
Oswald, Lois Thornton, A-S.....	
..... Iona, Idaho	
Outzen, H. Clair, A-F.....	Marysville
Overly, Don Cornell, e-F.....	Provo
Overson, Moroni I., ss.....	Ferron
Owen, Frank, C-F.....	Kenilworth
Pace, Clarence E., e-So.....	Hoytsville
Pace, Elaine, C-F.....	Richfield
Pace, Evelyn, ss.....	Boneta
Pace, Joseph Leon, A-S.....	Provo
Pace, Kathryn, ap-So.....	Provo
Pace, Pauline, A-S.....	Boneta
Pace, Raymond J., ap-F.....	Hoytsville
Pacheco, Manuel John, A-F.....	
..... Junction, Colorado	
Pack, Bessie I., ss.....	Logan
Packard, Brien Dwight, A-F.....	Provo
Packard, Hannah Condie, G-ss... Provo	
Packard, Jane, fa-J.....	Provo
Pagano, Josephine, ss.....	Price
Page, Cora Verene, ss.....	Payson
Page, Florence, A-F .....	Payson
Page, Frank, e-F.....	Goshen
Page, Irene Wrathall, ss.....	
..... Salt Lake City	
Page, Mildred, ap-So.....	Payson
Page, Therel, e-F.....	Goshen
Palfreyman, Bernice, ap-So.....	
..... Springville	
Palfreyman, Warwick C., ap-S.....	
..... Springville	
Palmer, Donna, A-J.....	Salt Lake City
Pardoe, Catherine, A-F.....	Provo
Pardoe, Kathryn B., ss.....	Provo
Pardoe, Wm. Edward, C-J.....	Provo
Parker, Iris, A-So.....	Joseph
Parker, Mary, ss.....	Draper
Parker, Olive, fa-F.....	Draper
Parkin, Wayne Carlos, ap-So.....	
..... Basin, Wyoming	
Parrish, Chloe, e-Un.....	Farmington
Parrish, Josephine, fa-So.....	Peterson
Parrish, Mary, e-J.....	Peterson
Parrish, Wilma, e-So.....	Myton
Partridge, Louise R., Sp.....	
..... New York City	
Paton, Elva Aneta, C-F.....	
..... Preston, Idaho	
Patrick, Louise, fa-So.....	Springville
Patten, Frank Earnest, e-Un.....	Elberta
Patterson, Peggy, e-F.....	Spanish Fork
Paul, Ardelle, e-J.....	Rexburg, Idaho
Paxman, Annie S., fa-Sp.....	Provo
Paxman, Margaret, fa-F.....	Provo
Paxman, Monroe Junior, A-F.....	Provo
Paxman, Ruth, C-J.....	Provo
Payne, Albert Lynn, A-Sp.....	Provo
Payne, John W., G-ss.....	Salt Lake City
Payne, Lucille, e-So.....	Burley, Idaho
Peacock, Max J., e-J.....	Orangeville
Peacock, Morris William, ss.....	
..... Orangeville	
Peacock, Weltha, ss.....	Ogden
Pearce, Wesley, G-ss.....	St. George
Pearson, Daryl Howard, C-So.....	Delta
Pearson, Earl L., A-F.....	Duchesne
Pearson, Lee M., ap-F.....	Oakley
Peart, Mearl C., G-ss.....	Randolph
Peay, Dean Spencer, fa-F.....	Benjamin
Peay, Floyd Aldon, fa-F.....	Benjamin
Peel, Naomi Bernice, ss.....	Mt. Pleasant
Pehrson, Neal Garfield, A-F.....	Magna
Pendleton, Beth, ap-F.....	Provo
Perkins, Betty Fay, ap-F.....	
Perkins, Allen John, C-F.....	Kaysville
Pendleton, Carol, A-J.....	Provo
Perkins, Betty Fay, ap-F.....	
..... Murtaugh, Idaho	
Perkins, C. Blaine, G.....	Price
Perkins, Margaret Enid, ap-F.....	
..... Blanding	
Perkins, Milton Lloyd, G.....	Gunnison

## BRIGHAM YOUNG UNIVERSITY

Perry, Lorin Edward, A-J.....	Salt Lake City	Phillips, Gene Young, ss.....	Brigham City
Perry, Miriam Colton, fa-So.....	Provo	Phillips, Martha Lavon, ap-F.....	Lehi
Perry, Nihla Marie, fa-F.....	Vernal	Phillips, Winifred, ss.....	Brigham City
Perry, Rolland, A-S.....	Provo	Pickett, Ross, ap-J.....	Oakley, Idaho
Peters, Cornell, ap-J.....	Provo	Pickup, Clair B., C-S.....	Provo
Peters, Violet, Sp.....	Provo	Pierce, Berniece, e-F.....	Roosevelt
Petersen, Ione, e-F.....	Lark	Pierce, Byron Walter, A-So.....	Spanish Fork
Petersen, Louise, C-F.....	Salt Lake City	Pirce, Ephraim Claire, e-F.....	Torrey
Petersen, Paul Andrew, fa-J.....	Ephraim	Pierce, Merlin Done, C-S.....	
Petersen, R. Marie, e-F.....		Pierce, Myrtle Stillman, ap-S.....	El Paso, Texas
.....	Lyman, Wyoming	Pierce, Wendell Lothair, A-So.....	Salt Lake City
Peterson, Amanda Eva, C-Sp.....	Provo	Pierpont, Mildred Anna, C-So.....	El Paso, Texas
Peterson, C. Ferrell, fa-J.....	Provo	Pintar, Mary, e-J.....	McGill, Nevada
Peterson, C. Ray, ss.....	Burley, Idaho	Pipkin, Robert Lynn, ap-F.....	Monticello
Peterson, Chesley Gordon, A-F.....		Pitcher, Callis, ap-So.....	
.....	Santaquin	.....	Cardston, Alberta, Canada
Peterson, Dan W., fa-J.....	Pleasant Grove	Pitt, Wallace, ap-S.....	Kamas
Peterson, Dean Andrew, C-S.....	Mt. Pleasant	Pollen, Robert Quentin, e-So.....	
.....		Pond, Beth, fa-J.....	Fairfield, Idaho
Peterson, Edna, e-So.....	Spanish Fork	Pond, Cleo, A-J.....	Fairfield, Idaho
Peterson, Edsel Arlow, G.....		Pope, Melvin Kahr, C-F.....	
.....	Hill Spring, Alta., Canada	Porter, Laura, ap-F.....	Richfield, Idaho
Peterson, Elden Jay, C-F.....		Postma, Clara, C-So.....	Preston, Idaho
.....	Mount Pleasant	Potter, Margaret Scow, e-Sp.....	Lehi
Peterson, Emma, ss.....	Santaquin	Poulson, Ardis, e-So.....	Provo
Peterson, Harold Franklin, e-F.....		Poulson, Enid, A-So.....	Richfield
.....	Smoot, Wyoming	Poulson, Helen Estelle, A-F.....	Provo
Peterson, Harold LeRoy, A-F.....	Provo	Poulson, Ina Carrie, A-F.....	Provo
Peterson, Ila, e-F.....	Grace, Idaho	Poulson, Lorna Anna, C-S.....	Richfield
Peterson, Imelda, fa-So.....	Gunnison	Poulson, Merritt Lee, G-ss.....	Scipio
Peterson, Jesse Goodva, A-So.....		Poulson, Sanford Eugene, A-So.....	
.....	Pleasant Grove	Poulton, Hazel, ap-F.....	Magna
Peterson, Josephine P., G.....		Powell, Grant David, A-F.....	Murray
.....	Mount Pleasant	Powell, Verdi Taylor, fa-S.....	Ogden
Peterson, LaNora, C-F.....	Spanish Fork	Powell, Verner, e-J.....	Provo
Peterson, Laurel, e-So.....		Powelson, A Marion, ap-Sp.....	Provo
.....	Flagstaff, Arizona	Powelson, Clara, ap-So.....	
Peterson, Laurleen, ss.....	Oasis	.....	Byron, Wyoming
Peterson, Leland Dean, e-S.....		Powelson, Fred D., ap-S.....	Provo
.....	Hill Springs, Alta., Canada	Powelson, Stanley, e-So.....	Goshen
Peterson, Lorna, e-So.....	Boulder	Pratt, Beth, fa-Sp.....	Provo
Peterson, Lyman Willard, ap-F.....		Pratt, Dana R., fa-F.....	Salt Lake City
.....	Spanish Fork	Pratt, Glenn Cropper, C-F.....	Nephi
Peterson, Mary Deane, e-F.....	Manti	Pratt, Jean Gay, A-So.....	
Peterson, Narvin Wayne, G.....		.....	Colonia Dublan, Chih., Mexico
.....	Hill Springs, Alta., Canada	Pratt, Ray L., C-F.....	Provo
Peterson, Ophelia Orlene, fa-So.....		Pratt, Wm. Marion, fa-Un.....	Provo
.....	Salmon, Idaho	Prescott, Lila, e-F.....	Kamas
Peterson, Peter Knute, C-J.....		Price, Dale Hugo, C-Sp.....	Provo
.....	Salt Lake City	Price, Eva, e-So.....	Vernal
Peterson, Phil, A-F.....	Richfield	Price, Rex Thomas, e-F.....	
Peterson, Ray H., e-So.....	Provo	.....	Idaho Falls, Idaho
Peterson, Richard, C-So.....	Provo	Prince, Virginia, e-J.....	St. George
Peterson, Richard Eugene, ss.....	Ephraim	Prior, David, e-S.....	Spanish Fork
Peterson, Stanley, ss.....	Spanish Fork	Pritchett, Lillian F., C-F.....	Fairview
Peterson, Thomas C., C-Sp.....	Provo	Probert, Fae, C-Un.....	Provo
Peterson, Vernon LeeRoy, A-F.....	Provo	Proctor, Annie Carol, G-ss.....	Spanish Fork
Peterson, Virgil, ss.....	Pleasant Grove	.....	
Petty, Wesley, A-So.....	Rains		
Phillips, A. LaVon, ss.....	American Fork		
Phillips, Ada, e-So.....	Lehi		
Phillips, Fawn Deloris, fa-F.....			
.....	Springville		

Prows, Don W., C-Sp.....	Provo
Prusse, Ruth, fa-Sp.....	Provo
Pullen, J. Everett, ss.....	Provo
Purdy, Wm. E., fa-J.....	Hinckley Oakley, Wyoming
Pyne, Lucile, C-S.....	Provo
Pyott, Marie, fa-So.....	Salt Lake City
Quate, Boyd Edwin, ss....	Salt Lake City
Quinn, Elton E., C-F.....	Los Angeles, Calif.
Raddatz, Henry Emil, ap-So..	Santaquin
Rambeau, Jean Mitchel, ss.....	Provo
Ramey, Iren Margaret, e-F.....	Green River
Randall, Bert Alfred, ap-Unmat.....	Pine, Arizona
Randall, Beryl, fa-F.....	Pine, Arizona
Randall, Eldon Hales, ap-F.....	Pine, Arizona
Randall, John Leavitt, C-F.....	Pine, Arizona
Rasband, Lincoln, ss.....	Heber
Rasmussen, Audrey Jane, e-S.....	Provo
Rasmussen, Crystal, ss.....	Ferron
Rasmussen, Elden, A-F.....	Fairview
Rasmussen, Kendall Ernest, C-F..	Provo
Rasmussen, Levar S., A-J.....	Burlington, Wyoming
Rasmussen, Margaret Louis, A-F.....	Chicago, Illinois
Rasmussen, Miriam, ap-So.....	Provo
Rasmussen, Rulon S., G-ss.....	Monroe
Rasmussen, Thora Barbara, C-F.....	Preston, Idaho
Rasmussen, Verda, Sp.....	Mt. Pleasant
Ratcliffe, Helen Lucille, e-F.....	Provo
Ratcliffe, William G. ....	Provo
Rawlinson, Charles Harvey, fa-S..	Delta
Rawlinson, Nelda Hicken, e-J..	Heber
Read, Boyd Albert, C-J.....	Ogden
Ream, Helen Mae, A-F....	Dingle, Idaho
Rebentisch, Hamilton Smoot, C-So.....	Portland, Oregon
Reber, Leonard, ss....	Mesquite, Nevada
Redd, Ancil Elliott, ap-F.....	Blanding
Redd, Norma, ap-F.....	Blanding
Redd, Shirley, A-S.....	Provo
Redd, Venice, Sp.....	Provo
Redford, Louisa Magleby, G.....	Monroe
Reece, Helen, ss.....	Payson
Reeder, Jesse Woodland, G-ss.....	Brigham City
Reeder, William Henry, G-ss....	Ogden
Reese, Dixie Marjorie, ap-So.....	Provo
Reese, Eldon Layton, G.....	Bloomington, Idaho
Reese Hamit Darwin, A-So.....	Provo
Reese, Robert McCann, fa-So.....	Brigham City
Reeve, Wayne Lee, A-F.....	Brigham City
Reichert, Karl Otto, A-Un.....	Price
Reichert, Malno, ap-J.....	Price
Reid, Dortha, G-ss.....	Provo
Reid, Ernest Lee, ss.....	Hinckley
Reid, Frederick W., ss.....	Orangeville
Reid, Gertrude, Dolorous, G-ss.....	Hinckley
Reid, F. Horace, ss.....	Almo, Nevada
Reid, Margaret, ap-So.....	Magna
Reid, Ray L., A-S.....	St. George
Reimschiissel, Ernest Felix, ap-So....	American Fork
Rex, Barbara, ap-So.....	Randolph
Reynolds, Allen C., G-ss.....	Beaver
Reynolds, John Wesley, A-J....	Provo
Rhodes, La Vern, ap-F.....	Provo
Rice, E. J., C-J .....	Brigham City
Rice, Leonard, e-F.....	Clifton, Idaho
Rich, Lewis Rawle, C-S.....	Morgan
Rich, Stella P., G.....	Provo
Rich, Wendell O'Neal, G-ss....	Panguitch
Riehan, Fred J., G.....	Provo
Riehan, Henriette Kessels, ss.....	Bozeman, Montana
Richards, Helen McDonald, A-J.....	Salt Lake City
Richards, Lawrence Mark, A-So.....	Salt Lake City
Richardson, Edmund Arlo, G.....	Provo
Richardson, Beth Irene, A-So.....	Provo
Richardson, Cleo, A-F.....	Benjamin
Richardson, Edmund Arthur, G..	Provo
Richardson, Edna, A-F..	Salt Lake City
Richardson, Ivie Romney, A-sp....	Provo
Richardson, Lurlene Ivie, ap-J....	Provo
Richins, Mary Myrlene, A-So.....	Burley, Idaho
Richins, Vir Schofield, C-F.....	Provo
Richmond, Donal Wells, A-F....	Provo
Ricks, Geneva, e-J..	Idaho Falls, Idaho
Riding, Elmer Stewart, A-F....	Provo
Rigby, Avard A., C-S.....	Hinckley
Rigby, Alice Maude, ss.....	Idaho Falls, Idaho
Rigby, Cleston H., e-Sp.....	Provo
Rigby, Faye, ss.....	Fairview
Rigby, Florence Peterson, ss....	Provo
Rigby, Samuel Glade, A-So.....	Fairview
Rigby, Wendell M., G-ss.....	Provo
Riggs, Faron W., A-Unmat.....	Overton, Nevada
Riggs, Mary Veon, fa-S.....	Vernon, Arizona
Riggs, Maurine, e-So.....	Gunnison
Riordan, Marguerite, G.....	Provo
Riska, W. Drews, e-S.....	Sandy
Roberts, Bee, ss.....	Delta
Roberts, Charles Henry, e-J.....	Lehi
Roberts, Ivy, ap-J.....	Delta
Roberts, Joyce Margaret, A-F.....	Salt Lake City
Roberts, LouVell, ss.....	Delta
Roberts, Melvin John, e-S.....	Rupert, Idaho
Roberts, Roberta Fay, ap-So.....	Salt Lake City
Roberts, Vera, ss.....	Gunnison
Robertson, Mrs. Cecil Nash, fa-Sp....	Springville

## BRIGHAM YOUNG UNIVERSITY

Robertson, James Allen, A-S.....	Provo
.....Spanish Fork	
Robertson, Merle Davis, fa-F.....	
.....Denon, Montana	
Robertson, Russell H., C-J.....	
.....Leadore, Idaho	
Robins, Sonoma, fa-J.....	Scipio
Robinson, David Earle, A-Unmat.....	
.....Long Island, N. Y.	
Robinson, Doris, e-So.....	Boise, Idaho
Robinson, Mrs. Dorothy C., A-Sp.....	
.....Boise, Idaho	
Robinson, Genava L., G-ss.....	
.....Panaca, Nevada	
Robinson, George B., A-So.....	Provo
Robinson, Helen, A-J.....	Provo
Robinson, Howard Whitmore, ap-So.....	
.....American Fork	
Robinson, Jean, fa-J.....	Marysville
Robinson, Madeleine, fa-F.....	
.....American Fork	
Robinson, Marie Afton, C-Sp.....	Lehi
Robinson, Merla, ss.....	Coalville
Robinson, D. Owen, ap-F.....	
.....Colonia Dublan, Mexico	
Robinson, Whilden, A-F....Boise, Idaho	
Robinson, W. Ashby, C-So.....	Fillmore
Robinson, Willis, B-ss....Panaca, Nevada	
Robison, Ann R., ss.....	
.....Los Angeles Calif.	
Robison, Benjamin H., C-So.....	Hinckley
Robison, Maurine, e-F.....	
.....Overton, Nevada	
Rogers, Beatrice, ap-S.....	
.....Snowflake, Arizona	
Rogers, Chester S., e-ss.....	
.....Snowflake, Arizona	
Rogers, Robison Max, fa-So....Morgan	
Rogers, Thos. H., C-Sp....Salt Lake City	
Rogers, Carleton Wayne, fa-S....Garland	
Rolfe, Wanda Elizabeth, e-So....Oakley	
Rollins, J. Leslie, Sp.....Lyman, Wyo.	
Romney, Ella, e-F.....	
.....Colonia Dublan, Mexico	
Romney, Mrs. George S., fa-Sp....Provo	
Romney, Isabelle, ss.....	
.....Colonia Juarez, Mexico	
Romney, Merlyn, e-So.....	Provo
Ronnow, Eleanore Elsie, A-F.....	
.....Panaca, Nevada	
Roper, Margaret Walker, ss....Oak City	
Roper, Rachel Lucile, ss.....Oak City	
Ross, Faye Rose, e-So.....	
.....Fargo, No. Dakota	
Ross, Fern Louise, ap-So.....	
.....Fargo, No. Dakota	
Ross, Floyd, fa-F.....	Duchesne
Rose, Ford T., C-J.....	Provo
Roselund, Allan Evan, C-F....Fairview	
Rosette, Walter Egan, fa-J.....	
.....Palisade, Colorado	
Roundy, Laura, e-J.....	Provo
Rowe, Glen Morris, A-F.....	Provo
Rowe, Francis, e-J.....	Spanish Fork
Rowe, Minnie B., e-Sp.....	Provo
Rowe, Paul William, e-S.....	Provo
Rowland, Hannah, ss.....	Springville
Rowland, Ted A., C-F.....	Springville
Rowley, Beth, ap-So.....	Spring Glen
Rowley, Ernest Elvin, G.....	Cedar City
Roylance, Fred H., C-F.....	Springville
Royle, Homer Freeman, A-S.....	Lehi
Ruff, George Robert, A-F.....	Provo
Rupper, John Heber, A-S.....	Provo
Russell, Katherine M., ss.....	Eureka
Russell, Louise, ap-S.....	Springville
Rust, Blanche, fa-F.....	Provo
Sadler, Hattie, ap-J.....	Provo
Safford, Virginia, C-Sp.....	Provo
Salisbury, David E., fa-F.....	Nephi
Salisbury, Portia Joan, e-So....	Provo
Salm, Kathryn, fa-F.....	Magna
Sampson, Charles Ivan, e-S.....	
.....American Fork	
Sampson, Stella, e-J.....	Delta
Samuelson, Beatrice B., e-ss.....	
.....Santaquin	
Sandberg, Josephine, ss....Salt Lake City	
Sandberg, Merrill, ss.....	Provo
Sander, Mary Merkeley, fa-Sp.....	Provo
Sanders, Follet Christian, C-F.....	
.....Fairview	
Sanders, Hart Kyhl, A-F....Centerfield	
Sanders, Orson Ross, C-J....Malta, Idaho	
Sanderson, Lloyd Devon, C-J....Fairview	
Sandgren, Edward A., C-J.....	Provo
Sanford, Barbara Elizabeth, ap-J.....	
.....Springville	
Sanford, Ruth, e-F.....	Springville
Sardoni, Dearwyn Elizabeth, fa-J.....	
.....Provo	
Sardoni, Elizabeth, A-Sp.....	Provo
Sardoni, Lawrence Whitman, G-ss....	
.....Grand Junction, Colorado	
Saville, Betty Jeanne, fa-F.....	
.....Salt Lake City	
Saxey, Edward, ss.....	Provo
Sayer, John Robert, S-So.....	
.....Idaho Falls, Idaho	
Sayer, Max W., A-F....Shelley, Idaho	
Sayer, Stanley Llewellyn, A-F.....	
.....Iona, Idaho	
Schaerrer, Nell, e-F.....	Payson
Schmidt, Herbert W., ap-F.....	Ogden
Schmutz, Stanley M., fa-J....St. George	
Schofield, Arlin Rawlings, A-So....Provo	
Schofield, Jay D., Sp.....Rupert, Idaho	
Schow, Erma Davis, ap-J.....	Lehi
Schow, June, fa-F.....	Magna
Schow, Russell Stewart, e-Unmat.....	
.....Lehi	
Schramm, Leona, ss.....	Payson
Scorup, Edith, ap-J.....	Salina
Scott, Ida Belle, G-ss.....	Provo
Seager, Ivy Nielson, G.....	Tremonton
Searle, Don Lester, A-So.....	
.....Spanish Fork	
Searle, Lynn Scott, e-J....Spanish Fork	
Searle, Ralph R., C-So....Spanish Fork	
Sears, Viola, ss.....	Salt Lake City

Seegmiller, Deola, G-ss.....	St. George	Smith, Harold H., G-ss.....
Seegmiller, Ida, ss.....	St. George	.....Snowflake, Arizona
Seegmiller, Marjorie, G.....	Richfield	Smith, Heber Joseph, C-So.....
Seegmiller, Mishie, ss.....	St. George	.....Salt Lake City
Seegmiller, Robert, A-So.....	Richfield	Smith, Hyrum Jenkins, C-S.....
Seeley, Lizetta, ss.....	Mt. Pleasant	.....Salt Lake City
Seeley, Max M., A-So.....	Roosevelt	Smith, Irene, e-So.....Beaver
Sellers, Doyle Davis, G-ss.....	Sacramento, Calif.	Smith, Iona, e-F.....Alpine
Sharp, George Ariel, e-S.....	Murray	Smith, Jack A., fa-F.....Payson
Sharp, Max William, A-F.....	Lehi	Smith, John William, G-ss.....
Shaw, Byron T., G.....	Sugar City, Idaho	.....Salt Lake City
Sheffield, Erwin Lowell, G-ss.....	Provo	Smith, Katherine Thomas, e-S....Provo
Shellenberger, Elna Idona, fa-F.....	Ely, Nevada	Smith, Lela B., ap-F.....Vernal
Shelley, Sarah, A-J.....	American Fork	Smith, Leo Evans, ap-F.....Provo
Shepherd, Dora Burgess, ap-Sp..	Alpine	Smith, LeRoy W., ss...Pleasant Grove
Sheranian, Lorraine Mary, ss.....	Murray	Smith, Lewis Calder, A-So..Smithfield
Shields, Morris D., ap-Unmat.....	.....Shaughnessy, Alberta, Canada	Smith, Lola B., ap-F.....Vernal
Shiozawa, Kenji, ap-So...Rigby, Idaho	.....Shimangan, Esteban Tulauan, A-J.....	Smith, Lola Marie, ss.....Provo
Shipman, Edward, ap-S.....	Tuguegarao, Cag. P. I.	Smith, Lois Emma, A-F.....
Shirts, Max LeRoy, fa-J.....	Payson	.....Palmyra, N. Y.
Sim, Grace Eileene, ss.....	Evanston, Wyoming	Smith, Marvin E., C-Un.....
Simangs, James Ammon, e-J.....	Spanish Fork	.....Palmyra, N. Y.
Simmons, Leonora, fa-F..Spanish Fork	.....Simkins, Max, A-So.....Springville	Smith, Oliver Rollin, A-S.....
Simpkins, Nedra, e-J.....	Provo	.....Palmyra, N. Y.
Singleton, Garth, C-So.....	Eureka	Smith, Ora Ann, fa-So.....
Singleton, Paul C., C-F.....	Provo	.....Pleasant Grove
Sinnott, F. Anne, e-J.....Newport, Calif.	.....Smith, Reed M., A-F..Pleasant Grove	Smith, Rowe William, ap-So.....
Skeem, Elayne, ap-So.....	Oasis	.....Bridgeland
Skeem, Inez, e-J.....	Oasis	Smith, Sylvester Glenn, A-F.....
Skinner, Grace, G-ss.....	Beaver	.....Salt Lake City
Skinner, Mary Louise, e-F.....	Lehi	Smith, Ticknor Niles, C-F.....
Skipworth, Ernest Milbourne, C-So.....	Hillspring, Canada	.....Gnoka, Minn.
Skouson, Gertrude, ap-Unmat.....	Col. Dublan, Chih., Mexico	Smoot, Anna, G-ss .....
Skousen, Muri Eldred, ap-F.....	Chandler, Arizona	.....Provo
Skousen, Rita, C-J.....	Col. Juarez, Chih. Mexico	Smoot, Fern, G-ss.....
Slack, Merlin J., C-F.....	Provo	.....Provo
Smart, Edwin H., ap-J.....	Provo	Smoot, Reed, ss.....
Smart, Helene, Stelle, ap-J.....	San Francisco, Calif.	Smuin, Donna, A-So.....
Smart, Max Neff, G.....	.....San Francisco, Calif.	.....Ogden
Smart, Thomas Sherrett, A-F.....	Provo	Snarr, Alvin Glen, ap-F.....Murray
Smeath, George Hillier, ap-S.....	Salt Lake City	Snarr, Lura, C-F.....Salt Lake City
.....	.....Snyder, Evelyn, C-F.....Provo	Snarr, Thelma, e-J.....Murray
Smith, Ada, e-Sp.....	Springville	Snell, William Henry, G .....
Smith, Amy, C-F.....	Salt Lake City	.....Provo
Smith, Barbara Louise, fa-F.....	Ogden	Snow, Bessie, G-ss.....Pine Valley
Smith, Clarence Brandon, C-So.....	.....Soderquist, Oscar Eugene, ss....Ferron	.....Provo
.....Raymond, Alberta, Canada	.....Soffe, Beth M., e-J.....Sandy	.....Provo
Smith, Donald, ap-J.....	Ogden	.....Soffe, Darrel David, C-S.....Sandy
Smith, Ferral L., C-J.....	Elsinore	.....Soffe, Kenneth, e-J.....Midvale
Smith, Harvey Eugene, ss.....	.....Soffe, Wayne, e-S.....Midvale	
.....Pleasant Grove	.....Sonderegger, Maurine, C-F.....Midway	
	.....Sorenson, Bill Howard, fa-S.....Sandy	
	.....Sorenson, Blair M., A-So.....Brigham City	
	.....Sorenson, Dorothy, e-J.....Manti	
	.....Sorenson, Keith A., A-F.....Spanish Fork	
	.....Sorenson, Lewis W., ss.....Redmond	
	.....Sorenson, Morris Elmer, A-J..Ephraim	
	.....Sorenson, Ruby F., ss.....Eureka	

## BRIGHAM YOUNG UNIVERSITY

Sorenson, Sam Anders, fa-S.....	Springville
Sorensen, Sam W., ap-So.....	Richfield
Sorenson, Vernon Charles, A-F.....	Riverton
Sorenson, Wayne Leslie, A-So.....	Salt Lake City
Soulier, Glen Earl, ap-F.....	Provo
Southwick, Elaine, G-ss.....	Cedar City
Sowards, Ethelyn, A-F.....	Provo
Spackman, Fred Neal, A-J.....	Sterling, Alberta, Can.
Spalding, Alta June, e-S.....	Provo
Spear, Grace, A-Sp.....	Provo
Speckart, Jess Richmond, A-So.....	Provo
Spector, Isadore, C-F.....	Grand Junction, Colo.
Spencer, Ethel S., ss.....	Provo
Spencer, Hazel Lorene, ap-So.....	Malad, Idaho
Spencer, Helen Louise, fa-J.....	Provo
Spencer, Lucile, C-J.....	Paris, Idaho
Spencer, Ray A., fa-So.....	Provo
Spencer, Seymour Horne, G-ss.....	Montpelier, Idaho
Spendlove, Vivo, e-J.....	Hurricane
Speros, Peter John, A-So.....	Bingham Canyon
Spotten, Lillian, e-F.....	Sanford, Colo.
Springer, Floris M., C-F.....	Wyola, Montana
Spriggs, Edgar Maurice, A-F.....	Salt Lake City
Stagg, Margaret, G-ss.....	Pleasant Grove
Staheli, Lafayette, ss.....	Hurricane
Staker, Flossie R., A-ss.....	Mount Pleasant
Stanger, William Steele, C-F.....	Mount Pleasant
Staker, Rex Clay, A-Unmat.....	Iona, Idaho
Starley, Rae, ap-S.....	Delta
Starley, Ruth, ap-F.....	Delta
Starr, Eva, A-J.....	Springville
Steed, Delbert Lynn, ap-So.....	Cardston, Alberta, Can.
Steele, Grace, fa-Sp.....	Provo
Steele, Stanford Henry, G-Lago, Idaho	
Steineckert, Dean, fa-F.....	Provo
Steineckert, Max A., A-So.....	Provo
Stephens, Eugene Clarence, A-So.....	Bayside, N. Y.
Stephens, G. Sylvan, G.....	Provo
Stephenson, Dorothy, e-F.....	Delta
Stephenson, J. Maiben, ss.....	Oak City
Sterling, Marcell, C-F.....	Spanish Fork
Sterling, Hyrum Ross, C-J.....	Spanish Fork
Stevens, Flanche, ap-F.....	Holden
Stevens, Florence, A-So.....	El Paso, Texas
Stevens, Inez Ruth, fa-So.....	Barnwell, Alberta, Canada
Stevens, Mae, C-F.....	Fillmore
Stevens, Orin Richard, C-S.....	Provo
Stevens, Rozilla, e-F.....	Fillmore
Stevens, Wallace Robin, C-F.....	Holden
Stevens, Ward Earl, A-F.....	Barnwell, Alberta, Canada
Stevens, William A., C-J.....	El Paso Tex.
Stevenson, Dean, ss.....	Monroe
Stewart, Blanche, A-So.....	Payson
Stewart, Harry Glenn, G.....	American Fork
Stewart, La Ron D., A-So.....	Calgary, Alberta, Canada
Stewart, Leo Grant, A-J.....	Mount Pleasant
Stewart, Louis Young, ap-F.....	Provo
Stewart, Loris Wayne, e-S.....	Provo
Stewart, Mildred, ap-S.....	Provo
Stillman, Mary, C-J.....	Salt Lake City
Stocking, Ralph, ss.....	Ogden
Stoddard, Henry Nibley, C-So.....	La Grande, Oregon
Stoker, Florence ss.....	Spanish Fork
Stokes, Marion Elizabeth, e-F.....	Cleveland
Stokes, William Lee, G.....	Cleveland
Stolworthy, Cleo, C-F.....	Kirtland, New Mexico
Stolworthy, William Rowdon, A-J.....	Blackfoot, Idaho
Stone, Lowell Middleton, A-F.....	Ogden
Stone, Zella May, ss.....	Salem
Storrs, Emma Lou, fa-So.....	Sweets Mine
Storrs, Shirley, A-So.....	Eureka
Stott, Verland Arthur, A-F.....	Roosevelt
Stosich, Flora Henrietta, e-F.....	Idaho Falls, Idaho
Stout, Beth, e-S.....	Moab
Stout, Ruth, e-F.....	Moab
Strasburg, Mae, e-F.....	Lehi
Strate, Neva, fa-F.....	Provo
Stratton, J. George, C-F.....	Provo
Stratton, Marvin Vance, C-F.....	Provo
Strauser, Ethel May, G-ss.....	Provo
Straw, Marjorie, ss.....	Springville
Straw, Rex Ellis, C-S.....	Montpelier, Idaho
Strebel, George L., A-S.....	Provo
Strickland, Joseph, A-J.....	Norfolk, Va.
Strickler, Fredonna Henrietta, ss.....	Ogden
Strickley, Dora June, fa-F.....	Provo
Stringfellow, Darrell, C-F.....	Provo
Stringham, Ednal Shanks, e-Sp.....	Provo
Stringham, Helen Caroline, ap-So.....	
Stringham, Jack, e-S.....	Salt Lake City
Strom, Clifford Leon, e-So.....	
	Bend, Oregon
Stromberg, Ruth Clark, fa-F.....	Grantsville
Strong, Bert, A-So.....	Springville
Strong, Faye La Rene, e-F.....	American Fork
Strong, Josephine, e-Sp.....	Provo
Strong, Leon M., G-ss.....	
	Sugar City, Idaho
Strong, Mabel, ss.....	Sugar City, Idaho
Stuart, Annie, ss.....	Woodruff

Stuart, Carl G., G-ss.....	Woodruff
Stucki, J. Wendell, ap-S..Paris, Idaho	
Stutz, Howard Coombs, A-So.....	
.....Cardston, Alta., Canada	
Styler, Lucille, ap-F.....	Oasis
Sullivan, Annie E., ss.....	Eureka
Sullivan, Charlotte Frances, A-F....	
.....Eureka	
Sulser, Joseph C., A-F.....	Huntington
Summers, Georgia, Sp.....	Silver City
Sumner, Bob Collins, A-Sp.....	Provo
Sumzion, Naomi, e-So.....	Springville
Sumzion, Spafford, G-ss.....	Moroni
Sunderland, Ileen, e-F.....	Lehi
Sundwall, Harry West, G.....	Fairview
Sundwall, Jessie, ap-Sp.....	Fairview
Sundwall, Robert, ss.....	Fairview
Sundwall, Virginia, fa-F.....	Fairview
Sutton, David Wright, G-ss.....	Logan
Sutton, Helen Kathleen, e-S.....	Provo
Sutton, Virginia Frances, e-S....	Provo
Swalberg, Beth, fa-So.....	Spanish Fork
Swalberg, Carl Albert, C-F.....	
.....Spanish Fork	
Swanner, Charles Edsell, C-J.....	
.....Spanish Fork	
Swapp, Corris, e-F.....	Kanab
Swensen, Albert Donald, G.....	Provo
Swenson, David Whitmer, fa-F..Logan	
Swenson, Frank Isaac, C-S.....	
.....Spanish Fork	
Swensen, Jennie Romney, fa-Sp..Provo	
Swenson, John Lewis, ap-So.....	Bancroft, Idaho
Swensen, Kay W., A-F.....	Pleasant Grove
Swensen, La Raine Walker, e-J.....	
.....Pleasant Grove	
Swensen, Laura, e-J....Pleasant Grove	
Swensen, Richard Davis, A-So....Provo	
Swenson, Warren Ole, A-F..Riverton	
Taggart, Nida, ss.....	Morgan
Takeuchi, Paul, ap-J..Cascade, Idaho	
Tangren, Hallie, e-So.....	Provo
Tanner, Carol, A-So.....	Provo
Tanner, Wilmer W., G-ss.....	Provo
Tate, Margaret, e-J.Thatcher, Arizona	
Taylor, Anna, fa-Sp.....	
.....Col. Juarez, Chih., Mexico	
Taylor, B. Don, C-J.....	Provo
Taylor, Ben, fa-J.....	
.....Col. Dublan, Chih., Mexico	
Taylor, Carlos, C-S.....	
.....Col. Juarez, Chih., Mexico	
Taylor, Celestia J., G.....	Provo
Taylor, F. Willis, C-J.....	
.....Raymond, Alta., Canada	
Taylor, Grant F., C-So.....	Provo
Taylor, Helen Beard, e-So.....Kamas	
Taylor, John William, A-So.....	
.....Magrath, Alta., Canada	
Taylor, Lee Gordon, C-So.....Levan	
Taylor, Lester P., C-F.....	Provo
Taylor, Lola, ap-J...Spokane, Wash.	
Taylor, Louise, fa-F.....	
.....Farmington, New Mexico	
Taylor, Marion Hollis, C-F.....Provo	
Taylor, Mary Jenning, G.....Provo	
Taylor, Nellie, ap-F.....	
.....Col. Dublan, Chih., Mexico	
Taylor, Nolan Riley, fa-S.....Ogden	
Taylor, O. Kenneth, C.J.....Provo	
Taylor, Ogden Baird, A-So....Kamas	
Taylor, Paul H., C-F.....Provo	
Taylor, Ruth Elayne, e-J.....Provo	
Tea, LeGrande, e-S.....Riverton	
Teichert, Robert Henri, A-So.....	
.....Cokeville, Wyoming	
Tebbs, Ruth, e-F.....Panguitch	
Terry, Allen Parshall, e-F.....	
.....Salt Lake City	
Terry, Ernest Bardell, ss....Spring City	
Terry, Evan Ray, C-So.....Provo	
Terry, Evelyn V., fa-Sp.....Provo	
Terry, Luther Lafayette, fa-S....Provo	
Thackeray, Milton Grover, C-So.....	
.....Salt Lake City	
Thatcher, Harold Lesly, C-F.....Provo	
Thatcher, Mary Lucile, A-J.....Clawson	
Thaxton, Olive, e-J.....Riverton	
Thayn, June, e-So.....Wellington	
Thomas, Arvilla, A-Sp.....Heber	
Thomas, Dan, e-S.....Ogden	
Thomas, Fern S., e-Sp.....Provo	
Thomas, Harry, A-So.....Provo	
Thomas, L. Dean, ap-J....Spanish Fork	
Thomas, Lucille, A-F.....	
.....Pinedale, Arizona	
Thomas, Rex T., A-S.....Provo	
Thomas, Vern Rowe, C-So.Paul, Idaho	
Thompson, Joseph C., A-J....St. George	
Thomson, Cannon A., ss.....	
.....Salt Lake City	
Thomson, Gordon Louis, A-So.....	
.....Riverton	
Thomson, Grant, G-ss.....Poea	
Thomson, T. Leonard, ss.....Ephraim	
Thornblad, Glenda Lenore, e-F.....	
.....Fillmore	
Thorne, Ralph Logu, A-F.....	
.....Pleasant Grove	
Thornock, Willa Lucille, A-So.....	
.....Randolph	
Thornton, Julia, ss.....	Delta
Thorpe, Zelma, C-Sp.....Springville	
Thurman, Donald Jay, C-S.....Provo	
Thurman, Elmo Murdock, ap-F..Heber	
Thursby, Zada Velear, e-S....Ephraim	
Thurstion, Harold Bleak, fa-Un.....	
.....Salt Lake City	
Tido, John, ap-F.....	Provo
Tidwell, Bert, A-So.....Wellington	
Tidwell, Lillie Belle, e-So....Wellington	
Tietjen, Barbara, C-F.....Monroe	
Tietjen, Bernell, fa-J.....Monroe	
Tippets, Don Harold, G....Lovell, Wyo.	
Tippets, Twain Cropper, A-J.....	
.....Ephraim	
Tippets, Eli, fa-F.....Springville	
Tipton, Naomi, e-So.....Springville	

## BRIGHAM YOUNG UNIVERSITY

Todd, Alice, e-J.....	Denver, Colorado	Van Dyke, C. Ruth, fa-J.....	Ogden
Todd, Beth, C-So.....	Denver, Colorado	Van Leuven, Lyda Harrison, ee.....	Provo
Todd, Burton McLain, A-F.....	Denver, Colorado	Van Leuven, Thora Hill, e-J.....	Provo
Toland, Gwendolene, fa-J.....	St. John, Kamas	Van Wagoner, Dale, A-F.....	Provo
Tolhurst, Gilbert Chas., G.....	Ogden	Van Wagener, Dean, C-S.....	Provo
Tohver, William Meredith, e-J.....	Salina, Colorado	Van Wagener, Donna Myrtle, A-So.....	Provo
Toomey, Norma Eleanor, fa-F.....	Sandy	Van Wagener, Merrill Y., A-J.....	Midway
Towers, Adele Blanche, e-J.....	Eureka	Verhaagen, Elizabeth, ap-Un.....	
Traher, Kathryn Margaret, C-F.....	Provo		Norfolk, Virginia
Trunnell, John Byron, A-F.....	Whiting, Indiana	Vickers, Eva, ss.....	Nephi
Tucker, Amos Curtis, C-F.....	Blackfoot, Idaho	Viklund, Eric Albert, C-J.....	
Tucker, Clair Myron, A-F.....	Fairview		Spanish Fork
Tucker, Florence S., C-So.....	Lewisville, Idaho	Viklund, Hannah, ss.....	Spanish Fork
Tucker, Frances Leone, ss.....	Snowflake, Arizona	Vincent, Byrnce, ap-J.....	Provo
Tucker, George Webster, G-ss.....	Snowflake, Arizona	Vincent, Thelma G., fa-Sp.....	Provo
Tucker, Jessie Maxine, fa-Sp.....	Provo		
Tucker, Martha Lu, e-F.....	Lewisville, Idaho	Waddoups, Ezma, A-So.....	Brigham City
Tuft, Beth, e-J.....	Monroe	Wade, Hector Eugene, C-F.....	Norfolk, Virginia
Tuft, Max S., ap-J.....	Monroe	Wadley, Arvil W., A-F.....	Pleasant Grove
Tuft, Reed Junius, ap-So.....	Heber	Wadley, Lucy, ap-S.....	Pleasant Grove
Tuft, Robert McRoy, A-F.....	Oakland, Calif.	Wadsworth, Edna Myrtle, A-F.....	Panaca, Nevada
Turner, Bill Roylance, A-So.....	Provo	Wadsworth, F. Don, e-So.....	Panaca, Nevada
Turner, Dorothy Ann, A-F.....	Provo	Wadsworth, Theresa, A-So.....	Panaca, Nevada
Turner, Glen, fa-So.....	Provo	Wagstaff, Mary Afton, e-F.....	Murray
Turner, Hazel LaRue, ss.....	Spanish Fork	Wagstaff, Vera Nebeker, ss.....	Pleasant Grove
Turner, Ida Pearl, C-So.....	Provo	Wakefield, G. Bruce, e-S.....	Salt Lake City
Turner, Marjorie, ss.....	Kaysville	Wakefield, J. Homer, G-ss.....	Provo
Turner, Maxine, fa-J.....	Spanish Fork	Walker, Ardis, fa-F.....	Pleasant Grove
Turner, Winifred, C-F.....	Provo	Walker, Beth, ss.....	Raymond, Alta., Canada
Tuttle, Dean L., C-F.....	Spanish Fork	Walker, David Smith, A-J.....	Pleasant Grove
Tuttle, Clarence, G-ss.....	Springville	Walker, Horace Keetch, A-So.....	Pleasant Grove
Tuttle, Elliott, ss.....	Provo	Walker, Orvel Ercanbrack, ap-Un..	Pleasant Grove
Tyler, Robert Clark, A-S.....	Los Angeles, Calif.	Wall, Jason Alonzo, e-S.....	Payson
Tyndall, Clarence, C.J.....	Deep Run, North Carolina	Wall, Ruth, e-S.....	Randlett
Udall, Jessica, fa-So.....	Thatcher, Arizona	Wallick, Barney Neil, A-J.....	Provo
Ungermann, June, A-F.....	Huntington	Walsh, Reed Harmer, e-S.....	Farmington
Ungermann, Ralph L., fa-J.....	Huntington	Walton, John Norman, A-So.....	Provo
Utley, Quentin E., A-So.....	Richfield	Wangsgard, Shirlie, e-S.....	Ogden
Utley, Merrill G., A-F.....	Sevier	Ward, Barbara, C-Un.....	Provo
Valentine, Lee Benson, fa-Un.....	Brigham City	Ward, Eva Ruth, A-F.....	Twin Falls, Idaho
Van Alfen, Nicholas, G-ss.....	Ogden	Ward, Keith Whitney, ap-So.....	Parowan
Vance, Blain A., C-F.....	Fairview	Warner, Jack Jex, A-F.....	Spanish Fork
Vance, David Harris, A-So.....		Warner, John F., ss.....	Spanish Fork
Vance, Don L., C-So.....	Jerome, Idaho	Warner, Meldon Newel, e-S.....	Fillmore
Vance, Laura, C-So.....	Fairview	Warner, Mont Marcellas, ap-F.....	
Vance, Milo C., ss.....	Provo		Kelso, Calif.
	Raymond, Alta., Canada	Warner, Orvil Rex, e-F.....	Kelso, Calif.
		Warnick, Belle, e-So.....	Delta
		Warnick, Beth, a-F.....	Provo
		Warnick, Helen, ap-F.....	Pleasant Grove
		Warnick, Ralph Richard, ap-F.....	Pleasant Grove

Warnock, Idell, e-F.....	Sigurd	White, Lola B., ss.....	Springville
Washburn, Guy Mac, fa-F.....	Draper	White, Nina, ap-S.....	Pleasant Grove
Washburn, Margaret Marie, e-F..	Provo	White, Paul Llewellyn, ss.....	Rexburg, Idaho
Wasden, Howard Adolphe, ss.....	Las Vegas, Nevada	White, Samuel Max, fa-S.....	Morgan
Wasden, Myron Wm., ss.....	Scipio	Whiteley, Blanche, C-So.....	Oakley, Idaho
Waspe, Ileen Ann, A-Sp.....	Salt Lake City	Whiteman, Harold Edgar, A-F.....	Phoenix, Arizona
Watters, Merrill Eugene, A-J.....	Sheridan, Wyoming	Whiting, Erma, C-So.....	St. Johns, Arizona
Watson, Leonard David, C-S.....	Raymond, Alta., Canada	Whiting, Rex A., A-So.....	Mapleton
Watson, Ottella, ap-J.....	Blackfoot, Idaho	Whitney, Norman K., fa-F.....	Mendon
Watters, Ray, A-F.....	Richfield	Whittier, Bruce Herbert, A-So.....	Morgan
Watts, Dolly Eva, ss....Byron, Wyo.	Watts, John Clayton, G-ss....Gunnison	Whitwood, Ernest G., ss....Spanish Fork	Springfield, Idaho
Watts, Stanley Howard, e-S....Murray	Watts, Verdun Austin, ss....Provo	Whitwood, Mary, e-J.....Spanish Fork	Santa Ana, Calif.
Watts, Verdun Austin, ss....Provo	Way, John Willis, A-S.....Ogden	Whyte, William LaMar, ap-F.....	Glenwoodville, Alta, Canada
Webb, Howard Clark, ap-F.....	La Grande, Oregon	Wiemer, Frederick William, A-F....	Brigham City
Webb, Jean, e-So.....	Ogden	Wight, Diavd O., Sp.....	Wilcox, Afton Alder, C-F.....
Webb, Lynn Robert, G-ss....Afton, Wyo.	Webb, Norma C., ss....Afton, Wyo.	Wight, Edgar L., ss.....	Preston, Idaho
Webster, Mariana, fa-F.....	Rexburg, Idaho	Wilcox, Vernon Davis, fa-J.....	Wilde, Delwyn Daniel, fa-So.....
Weenig, John Lehi, C-So.....	Riverton	Weight, Henry LaMar, ap-So.....	Iona, Idaho
Weeter, Warren Glenn, C-Sp....Riverton	Weight, Newell Bryan, fa-S.....	Weight, Woodrow, fa-So.....	Coalville
Wieght, Brent Nelson, A-J.....	Springville	Wells, Joseph Lovell, A-So....Oak City	Wilkins, Jennie McCoard, A-Sp....Provo
.....	Springville	Wendel, Joe, G-ss.....Frontier, Wyo.	Wilkins, Madelyn, e-J.....Mt. Home
Weight, Henry LaMar, ap-So.....	Springville	West, Dale H., A-So....Pleasant Grove	Willardsen, Pearl Eva, e-J....Ephraim
Weight, Newell Bryan, fa-S.....	Springville	West, John Everett, C-F.....	Willett, Farrell Dean, e-J.....
Weight, Woodrow, fa-So.....	Springville	.....	Pleasant Grove
Wells, Joseph Lovell, A-So....Oak City	Weight, Woodrow, fa-So.....	Williams, Allen C., A-Un.....Salina	Williams, Allen C., A-Un.....
Wendel, Joe, G-ss.....Frontier, Wyo.	Wells, Joseph Lovell, A-So....Oak City	Williams, Arthur Kent, C-So.....Provo	Williams, Arthur Kent, C-So.....
West, Dale H., A-So....Pleasant Grove	Weight, Woodrow, fa-So.....	Williams, Dean E., C-J.....	Williams, Dean E., C-J.....
West, John Everett, C-F.....	.....	.....	Malad City, Idaho
.....	Pleasant Grove	Williams, Emmons Nelson, ss.....	Williams, Emmons Nelson, ss.....
West, Louise, C-So.....	Pleasant Grove	Williams, Ercel Waldon, C-So.....	Pocatello, Idaho
Westergard, Wanda Denning, ap-F....	Idaho Falls, Idaho	.....	Spanish Fork
.....	Idaho Falls, Idaho	Williams, Hortense, ap-F.....	.....
Westover, Maxine, A-S.....	American Fork	.....	Raymond, Alta, Canada
.....	American Fork	Williams, Loila, e-S.....	Cardston, Alta., Canada
Whatcott, H. Devello, G.....	Provo	.....	Williams, Louise Marie, fa-Un.....
Wheeler, A. Blaine, A-J....Springville	Wheeler, Goldie G., G-ss....Silver City	Williams, Mae, C-Un.....	LaGrande, Oregon
Wheeler, Goldie G., G-ss....Silver City	Wheelwright, Max, A-S.....Ogden	Williams, Mark, G-ss.....	Provo
Wheelwright, Max, A-S.....Ogden	Whetten, Leland, C-So.....	Williams, Myrra Ann, e-F.....	Castle Dale
Whetten, Leland, C-So.....	Col. Juarez, Chih., Mexico	Williams, Roger, A-So....Hamer, Idaho	Williams, Roger, A-So....Hamer, Idaho
.....	.....	Williams, Wanda, e-F.....	Price
Whicker, Lyda Mae, e-So.....	Salt Lake City	Willis, Bertha, ss.....	Silver City
.....	.....	Wilmott, Alzada, ss.....	Springville
White, Bob Owen, A-J.....	McKennon, Wyoming	Wilske, Emil, e-G.....	American Falls, Idaho
White, Clara, e-J.....	Beaver	.....	Eureka
White, Edyth, ap-F.....	Provo	Wilson, Cecil, Sp.....	.....
White, Faye, G-ss.....	Payson	Wilson, David, A-F.....	Ogden
White, Howard C., e-So.....	Beaver	Wilson, John Fredrick, C-F....Park City	.....
White, LeRoy Clark, A-So.....	Brigham City	Wilson, Marian, fa-S.....	Ogden
White, Lewis Elmer, C-So.....	Hood River, Oregon	.....	.....

Wilson, Mary Paulson, ss.....	Pleasant Grove	Provo
Wilson, Melissa S., A-Sp.....	Provo	
Wilson, Norman, G.....	Giblsland, Louisiana	
Wilson, Richard Clair, ap-F.....	Richfield	
Wing, Niles, A-S.....	American Fork	
Wingate, James French, G-ss.....	Springville	
Winn, Jack C., G-ss.....	Nephi	
Winters, Que Seely, C-F.....	Castle Dale	
Winterton, Jim Ririe, A-F.....	Provo	
Winterton, LaPreal, A-S.....	Provo	
Winterton, Ralph William, A-F.....	Provo	
Wiscombe, Ronald, G-ss.....	Roosevelt	
Wisdom, Norton B., A-F.....	Los Angeles, Calif.	
Wiseman, Irvin, C-F.....	Provo	
Witbeck, Ann, e-F.....	Roosevelt	
Witbeck, Olive, e-J.....	Roosevelt	
Wolsey, Louis, A-Un.....	Cardston, Alta., Canada	
Wolz, Russell, C-So.....	Byron, Wyoming	
Wolsey, Rex Justin, ap-Sp.....	Cardston, Alta., Canada	
Wood, Dell, C-Un.....	Hill Spring, Alta., Canada	
Wood, Elaine, A-F.....	Helper	
Wood, Junne, A-F.....	Provo	
Woodruff, Alice Ruth, A-S.....	Salt Lake City	
Woodward, Robert Myron, C-F.....	Kimberly, Nevada	
Woolf, Aenone, A-J.....	Provo	
Woolf, Wilbur, A-So.....	Provo	
Wooley, Cloyd, ap-F.....	Vernal	
Woolf, Wilford W., A-So.....	Provo	
Wooley, Lucy, ss.....	Salt Lake City	
Wooton, Bert, C-Sp.....	Provo	
Wooton, Donna, fa-F.....	American Fork	
Worlton, Jean, C-F.....	Lehi	
Worsley, Sarah P., G.....	Provo	
Worthen, Lottie, McQuarrie, G.....	Provo	
Worthen, Sidney Eugene, ss.....	Salt Lake City	
Worthen, Vernon, G-ss.....	St. George	
Worton, Edith Ethel, C-J.....	Ogden	
Wrathall, Irene, e-S.....	Grantsville	
Wright, Beth Anne, ss.....	Provo	
Wright, Donald, G-ss.....	Pleasant Grove	
Wright, Florence June, ap-F.....	Lehi	
Wright, June, C-F.....	Salt Lake City	
Wright, J. Leslie, G-ss.....	Hinckley	
Wright, Wanda Flo, fa-S.....	Salt Lake City	
Wunderli, Elva Clara, A-F.....	Detroit, Michigan	
Wycherly, Gaylen Loyd, e-J.....	Hiawatha	
Wyler, George A., ss.....	Payson	
Wynder, Melvin Woodrow, A-F.....	Hill Spring, Alta., Canada	
Yano, Mas A., A-So.....	Brigham City	
York, Eleanor, A-F.....	Spanish Fork	
Youkstetter, Pearl Irene, A-S.....		
Young, Miriam Lucile, fa-F.....	Provo	
Young, Orval Harold, A-F.....	American Fork	
Young, Walter Ernest, C-So.....		
Young, Walter Ernest, C-So.....	Buenos Aires, S. America	
Zabriskie, Emma, C-So.....	Provo	

## Summary of Students for 1937-38

Graduates .....	88	
Seniors .....	284	
Juniors .....	447	
Sophomores .....	524	
Freshmen .....	852	
Unmatriculated .....	59	
Specials .....	205	
		2461
Summer School 1937:		
Graduates .....	175	
Other University Students .....	435	610
Correspondence and Extension .....		553
Secondary Training School:		
Senior High School .....	140	
Junior High School .....	104	244
Elementary Training School .....		246
		4114
Less duplications .....		214
Number receiving institutional credit .....		3900

## INDEX

257

Accounting and Business Administration.....	88
Administrative Officers .....	6
Admission .....	52
Ag. Club .....	41
Agricultural Economics .....	98
Agronomy .....	69
Alpha Kappa Psi .....	43
Animal Husbandry .....	72
Art .....	74
Associated Students .....	39
Associated Women Students .....	40
Awards .....	46
Bacteriology .....	78
Beta Beta Beta .....	43
Block "Y" Club .....	40
Blue Key .....	44
Board of Trustees .....	4
Botany .....	80
B. Y. U. Women's Organization.....	44
Calendar .....	5
Chemistry .....	83
Church School Officers .....	4
Classification of Students .....	53
Clothing and Textiles .....	127
Clubs and Societies .....	40
College of Applied Science .....	62
College of Arts and Sciences .....	63
College of Commerce .....	64
College of Education .....	65
College of Fine Arts .....	66
Commerce .....	88
Committees, Standing .....	31
Correspondence Courses .....	203
Course Divisions .....	53
Courses of Instruction .....	69
Credits .....	54
David Starr Jordan Biology Club.....	41
Dean of Men .....	49
Dean of Women .....	49
Departmental Organizations .....	41
Departments of Instruction .....	36
Delta Phi .....	44
Discipline .....	48
Drama League, The .....	41
Drawing .....	147
Economics .....	96
Education .....	100
Educational Administration .....	100
Election of Studies .....	53
Elementary Education .....	102

Elementary School Faculty .....	211
Endowments .....	38
Engineering .....	149
English .....	110
Entomology .....	196
Enrollment of Students .....	285
Extension Division, The .....	198
Faculty .....	7
Faculty Fine Arts Club .....	45
Fees .....	37
Finance and Banking .....	91
Foods and Nutrition .....	129
Fraternities, National .....	43
French .....	150
French, German and Spanish Clubs .....	42
Gamma Phi Omicron .....	42
General Comparative Literature .....	115
General Requirements .....	52
Geographical Clubs .....	43
Geology and Geography .....	116
German .....	153
Graduate Club .....	42
Graduate Scholarships .....	45
Graduate School .....	58
Graduates .....	217
Graduation .....	54
Graduate Work in Education .....	107
Greek .....	155
Group Requirements .....	55
Hebrew .....	155
History of University .....	33
History .....	121
Home Economics .....	126
Home Economics Club .....	42
Horticulture .....	135
Household Administration .....	132
Instrumental Music .....	158
Italian .....	152
International Relations Club .....	43
Journalism .....	137
Landscape Architecture .....	139
Latin .....	154
Leadership Week .....	202
Library .....	141, 49
Literary Club, The .....	42
Loan Funds .....	39
Lyceum .....	67
Major and Minor Requirements .....	56
Marketing .....	93
Master Degree Requirements .....	59

## INDEX

259

Mathematics .....	142
Mechanic Arts .....	144
Mechanics .....	144
Medical Director, Function of .....	48
Modern and Classical Languages .....	149
Music .....	156
Non-Student Organizations .....	44
Office Practice .....	94
Omega Nu .....	43
Organization of University .....	35
Phi Chi Theta .....	44
Phi Delta Pi .....	44
Philosophy of Education .....	105
Phonetics .....	156
Physical Education .....	162
Physics .....	170
Political Science .....	173
Pre-Engineering Course .....	64
Pre-Medical Course .....	64
Pre-Legal Course .....	64
President's Club .....	40
Psychology .....	176
Refunds .....	38
Religious Education .....	180
Scholarships .....	45
Scholarship Honors .....	60
Secondary Education .....	104
Secondary School Faculty .....	210
Secondary School Curriculum .....	213
Senior High School Courses .....	214
Sigma Pi Sigma .....	44
Social Unit Organization .....	40
Sociology .....	184
Spanish .....	152
Special Scientific and Art Collections .....	50
Speech .....	187
State Requirements for Teaching Certificates .....	57
Student Expenses .....	37
Studio Guild .....	42
Summer Session .....	67
Summary of Students .....	310
Tau Kappa Alpha .....	43
Theory of Music .....	156
Theta Alpha Phi .....	43
Training Schools .....	65, 210
Vocal Music .....	161
White Key .....	40
Y. Chemical Society, The .....	43
Y. Psychological Society .....	42
Yeshara .....	43
Zoology and Entomology .....	192













